

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
 Data File : BF087372.D
 Acq On : 25 May 2016 15:02
 Operator : UM/SJ
 Sample : H3218-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

Quant Time: May 25 22:27:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	105483	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	436927	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	194582	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	339604	20.00	ng	0.00
75) Chrysene-d12	18.47	240	225251	20.00	ng	-0.01
86) Perylene-d12	20.14	264	225331	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	779254	129.81	ng	0.01
7) Phenol-d6	7.07	99	1108264	136.63	ng	0.00
23) Nitrobenzene-d5	8.43	82	763637	88.08	ng	-0.01
41) 2,4,6-Tribromophenol	13.67	330	198861	106.35	ng	-0.01
44) 2-Fluorobiphenyl	11.34	172	1095227	79.35	ng	0.00
78) Terphenyl-d14	17.13	244	693248	65.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.90	88	96847	30.57	ng	# 58
3) Pyridine	2.48	79	280683	40.53	ng	# 61
4) n-Nitrosodimethylamine	2.44	42	235619	44.16	ng	# 46
6) Aniline	7.02	93	545242	51.96	ng	95
8) 2-Chlorophenol	7.20	128	328315	43.86	ng	91
9) Benzaldehyde	6.84	77	62802	14.02	ng	98
10) Phenol	7.08	94	384904	43.46	ng	78
11) bis(2-Chloroethyl)ether	7.16	93	312574	43.60	ng	88
12) 1,3-Dichlorobenzene	7.42	146	329910	40.40	ng	# 92
13) 1,4-Dichlorobenzene	7.78	146	321604	38.36	ng	94
14) 1,2-Dichlorobenzene	7.78	146	330599	42.64	ng	99
15) Benzyl Alcohol	7.82	79	316400	53.50	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.02	45	634374	39.33	ng	89
17) 2-Methylphenol	8.03	107	256128	42.69	ng	# 86
18) Hexachloroethane	8.30	117	125122	40.01	ng	94
19) n-Nitroso-di-n-propylamine	8.24	70	270716	44.75	ng	# 68
20) 3+4-Methylphenols	8.31	107	343433	47.35	ng	# 60
22) Acetophenone	8.20	105	493652	47.29	ng	# 98
24) Nitrobenzene	8.47	77	403880	44.13	ng	98
25) Isophorone	8.87	82	672896	43.28	ng	96
26) 2-Nitrophenol	8.97	139	170471	45.57	ng	# 71
27) 2,4-Dimethylphenol	9.11	122	247548	38.12	ng	# 85
28) bis(2-Chloroethoxy)methane	9.24	93	404771	46.22	ng	98
29) 2,4-Dichlorophenol	9.38	162	275943	47.15	ng	94
30) 1,2,4-Trichlorobenzene	9.47	180	279779	41.76	ng	96
31) Naphthalene	9.59	128	1026907	46.90	ng	99
32) Benzoic acid	9.47	122	2915	6.59	ng	# 49
33) 4-Chloroaniline	9.75	127	101376	12.57	ng	# 93
34) Hexachlorobutadiene	9.80	225	161746	39.72	ng	98
35) Caprolactam	10.41	113	26276	15.38	ng	# 50
36) 4-Chloro-3-methylphenol	10.59	107	304374	46.00	ng	94
37) 2-Methylnaphthalene	10.87	142	574283	41.99	ng	93
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	252572	40.55	ng	99
40) Hexachlorocyclopentadiene	10.96	237	128929	53.81	ng	95

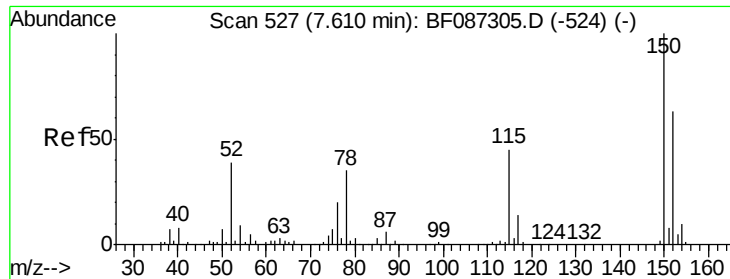
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
 Data File : BF087372.D
 Acq On : 25 May 2016 15:02
 Operator : UM/SJ
 Sample : H3218-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

Quant Time: May 25 22:27:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.21	196	158643	44.13	ng	92
43) 2,4,5-Trichlorophenol	11.29	196	159427	43.54	ng #	91
45) 1,1'-Biphenyl	11.48	154	724388	44.22	ng	98
46) 2-Chloronaphthalene	11.50	162	543386	43.35	ng	96
47) 2-Nitroaniline	11.71	65	224057	49.62	ng	86
48) Acenaphthylene	12.15	152	850599	42.87	ng	99
49) Dimethylphthalate	12.03	163	929330	59.62	ng	100
50) 2,6-Dinitrotoluene	12.12	165	137289	43.71	ng #	81
51) Acenaphthene	12.43	154	551134	45.19	ng	99
52) 3-Nitroaniline	12.39	138	107444	33.33	ng #	84
53) 2,4-Dinitrophenol	12.70	184	2759	8.12	ng #	1
54) Dibenzofuran	12.72	168	785368	47.56	ng	96
55) 4-Nitrophenol	12.76	139	120620	78.44	ng #	64
56) 2,4-Dinitrotoluene	12.79	165	190653	45.42	ng	89
57) Fluorene	13.27	166	646493	45.15	ng	98
58) 2,3,4,6-Tetrachlorophenol	12.96	232	127697	45.34	ng	97
59) Diethylphthalate	13.18	149	634642	41.88	ng	99
60) 4-Chlorophenyl-phenylether	13.30	204	275994	39.53	ng	92
61) 4-Nitroaniline	13.39	138	129308	42.98	ng #	77
62) Azobenzene	13.55	77	729709	46.41	ng	86
64) 4,6-Dinitro-2-methylphenol	13.45	198	33412	15.47	ng #	41
65) n-Nitrosodiphenylamine	13.51	169	514769	46.87	ng	99
66) 4-Bromophenyl-phenylether	14.09	248	157834	42.48	ng #	86
67) Hexachlorobenzene	14.16	284	161042	41.44	ng #	87
68) Atrazine	14.43	200	165947	47.40	ng	93
69) Pentachlorophenol	14.51	266	87090	72.73	ng	98
70) Phenanthrene	14.82	178	1585656	84.29	ng	99
71) Anthracene	14.90	178	1008726	53.08	ng	100
72) Carbazole	15.19	167	782955	48.31	ng	98
73) Di-n-butylphthalate	15.77	149	866298	41.33	ng #	98
74) Fluoranthene	16.58	202	1672674	88.67	ng	96
76) Benzidine	16.81	184	92013	15.88	ng	97
77) Pyrene	16.88	202	1453265	89.63	ng	96
79) Butylbenzylphthalate	17.79	149	305993	42.56	ng #	80
80) Benzo(a)anthracene	18.46	228	922569	72.00	ng	99
81) 3,3'-Dichlorobenzidine	18.45	252	88485	12.50	ng	98
82) Chrysene	18.50	228	833105	65.52	ng	98
83) Bis(2-ethylhexyl)phthalate	18.54	149	398515	37.98	ng #	95
84) Di-n-octyl phthalate	19.31	149	652083	40.75	ng #	87
85) Indeno(1,2,3-cd)pyrene	21.36	276	559020	54.84	ng	94
87) Benzo(b)fluoranthene	19.85	252	59660	4.16	ng	94
88) Benzo(k)fluoranthene	19.74	252	1447899	117.20	ng	98
89) Benzo(a)pyrene	20.08	252	696914	56.14	ng	96
90) Dibenzo(a,h)anthracene	21.37	278	423230	39.97	ng #	94
91) Benzo(g,h,i)perylene	21.71	276	454697	43.52	ng #	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

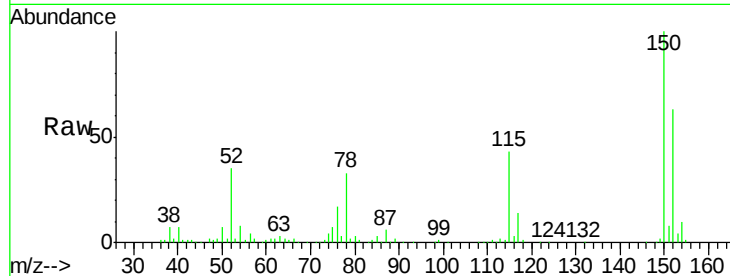
Tgt Ion:152 Resp: 105483

Ion Ratio Lower Upper

152 100

150 159.4 125.8 188.6

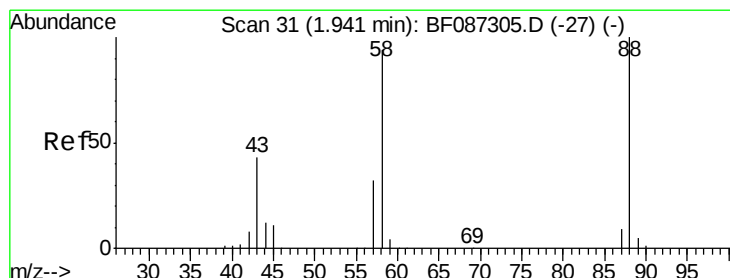
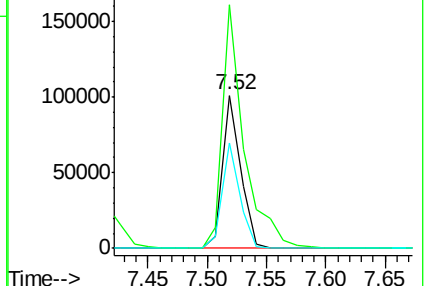
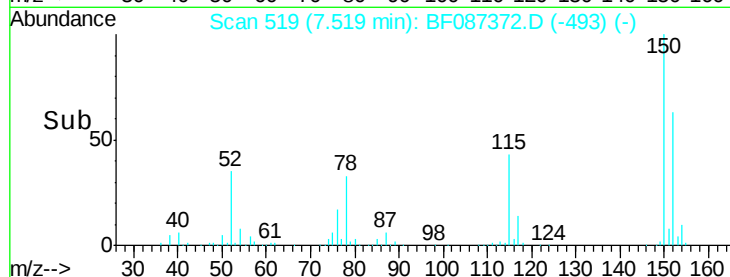
115 68.9 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.57 ng

RT: 1.90 min Scan# 27

Delta R.T. 0.08 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

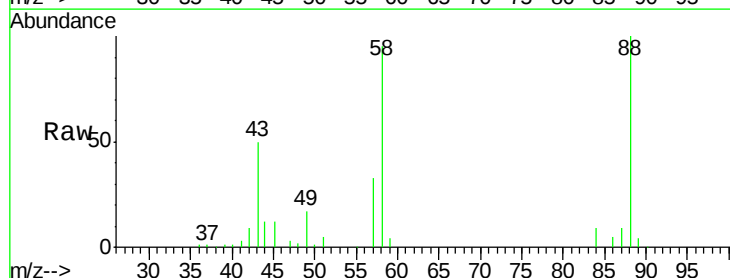
Tgt Ion: 88 Resp: 96847

Ion Ratio Lower Upper

88 100

58 101.9 59.6 89.4#

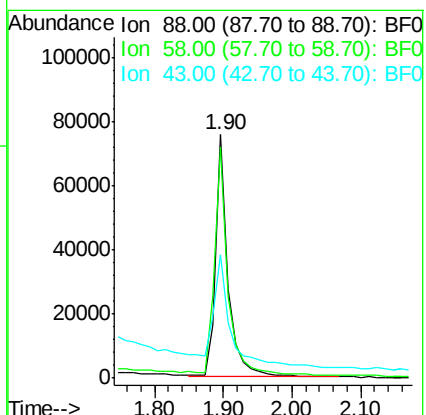
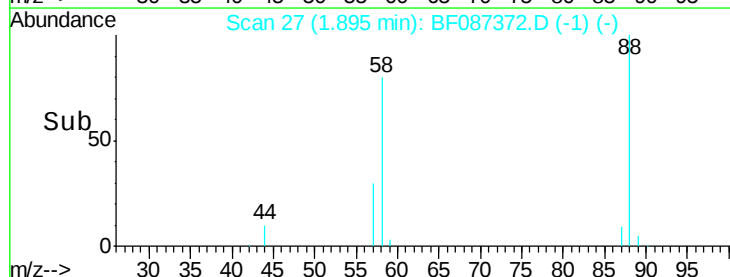
43 63.1 21.8 32.6#

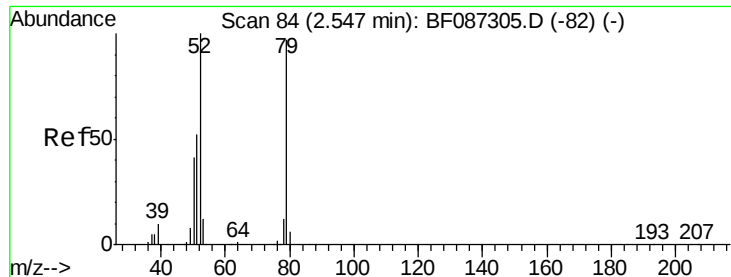


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.53 ng

RT: 2.48 min Scan# 78

Delta R.T. 0.07 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

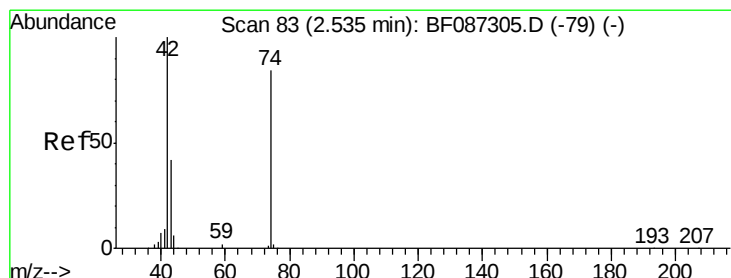
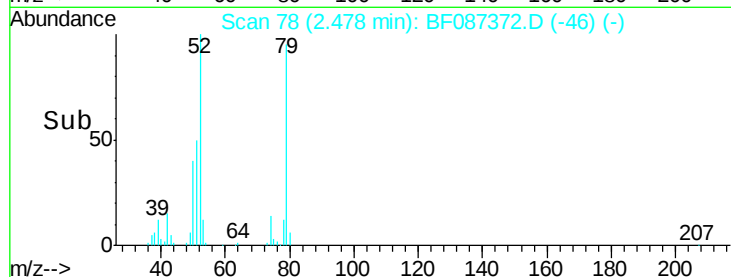
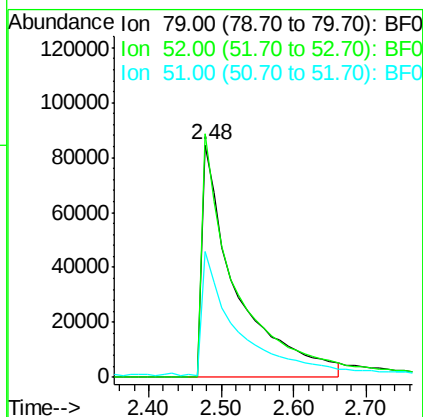
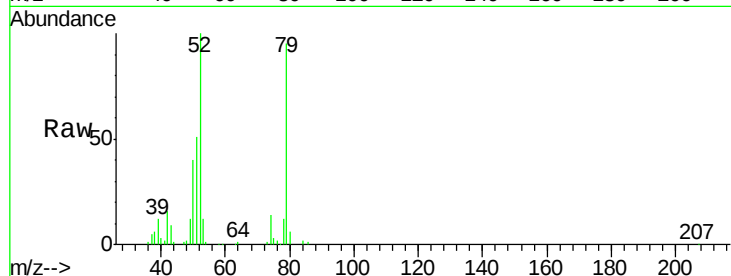
Tgt Ion: 79 Resp: 280683

Ion Ratio Lower Upper

79 100

52 104.9 55.9 83.9#

51 54.0 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 44.16 ng

RT: 2.44 min Scan# 75

Delta R.T. 0.06 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

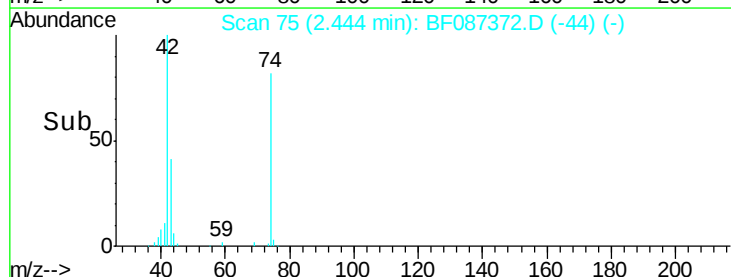
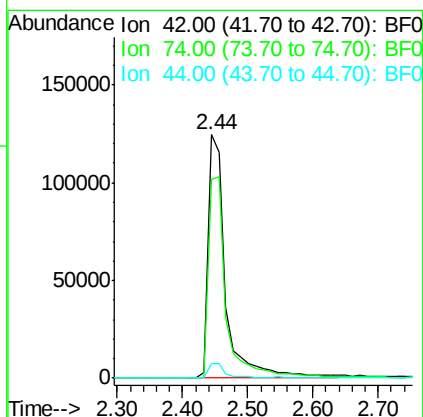
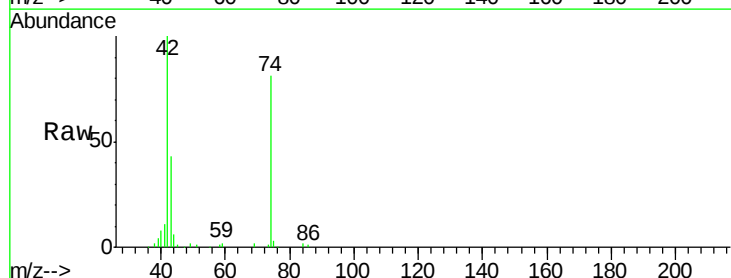
Tgt Ion: 42 Resp: 235619

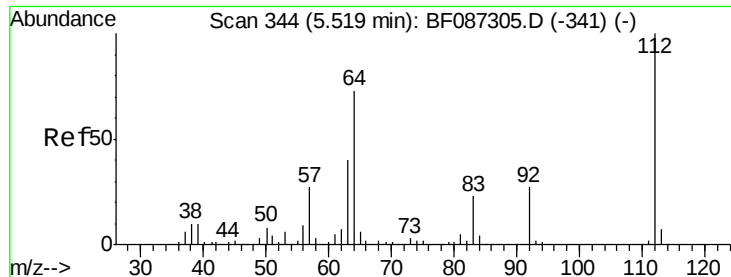
Ion Ratio Lower Upper

42 100

74 81.4 123.4 185.0#

44 6.2 5.8 8.6

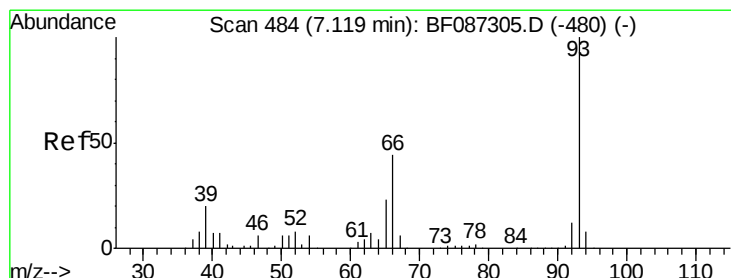
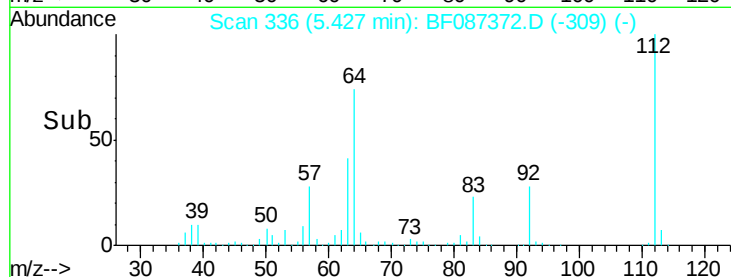
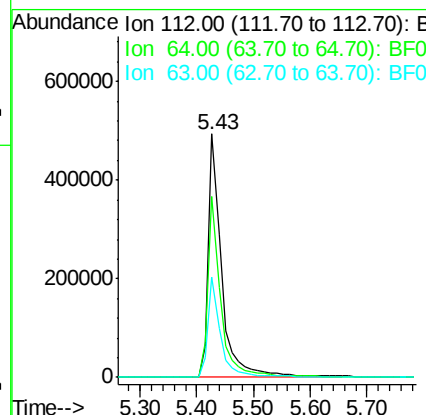
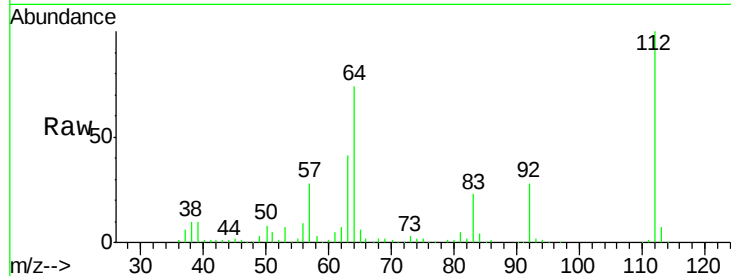




#5
 2-Fluorophenol
 Concen: 129.81 ng
 RT: 5.43 min Scan# 336
 Delta R.T. 0.01 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

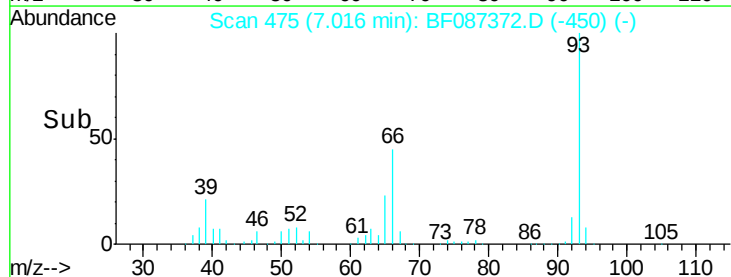
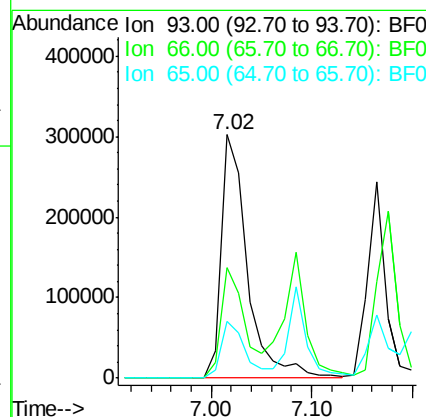
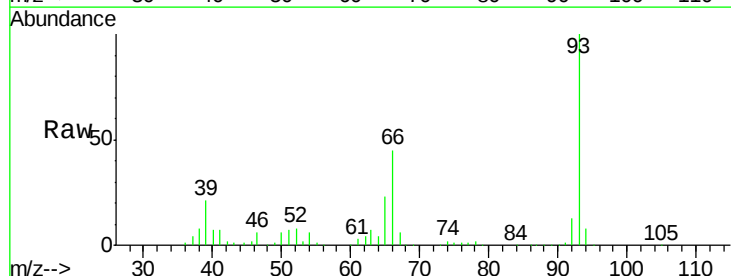
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

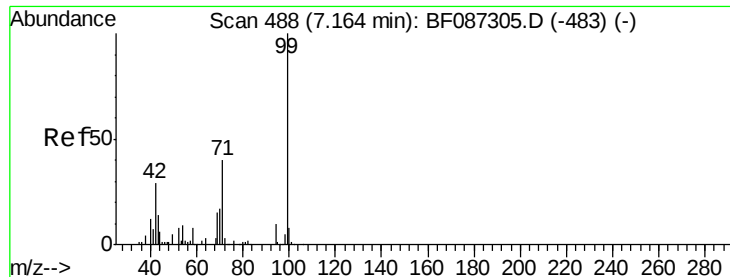
Tgt Ion: 112 Resp: 779254
 Ion Ratio Lower Upper
 112 100
 64 74.3 52.1 78.1
 63 41.1 25.7 38.5#



#6
 Aniline
 Concen: 51.96 ng
 RT: 7.02 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion: 93 Resp: 545242
 Ion Ratio Lower Upper
 93 100
 66 45.3 39.0 58.6
 65 23.4 20.6 31.0





#7

Phenol-d6

Concen: 136.63 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

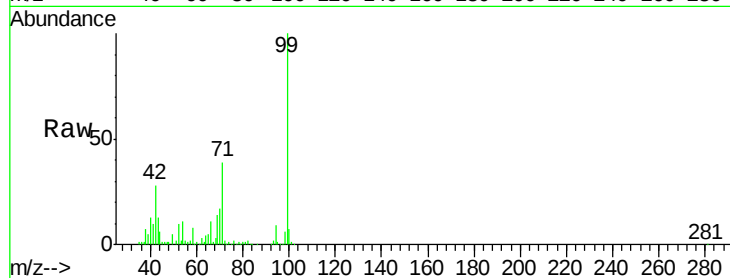
Tgt Ion: 99 Resp: 1108264

Ion Ratio Lower Upper

99 100

42 28.3 13.6 20.4#

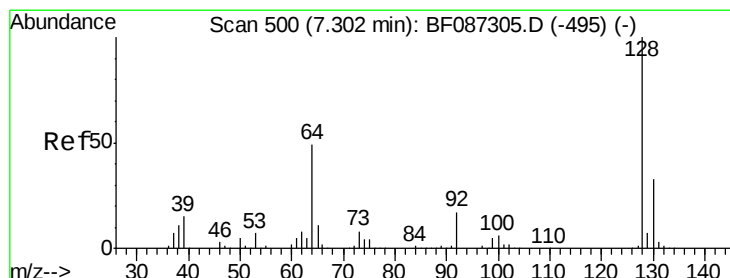
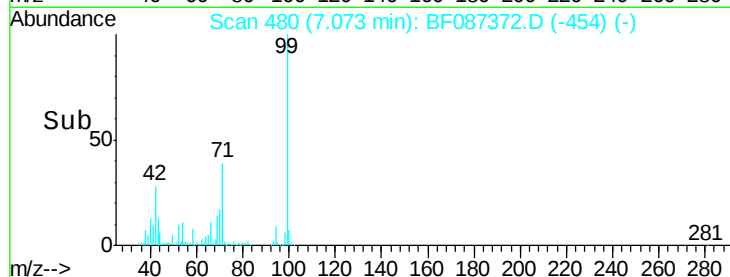
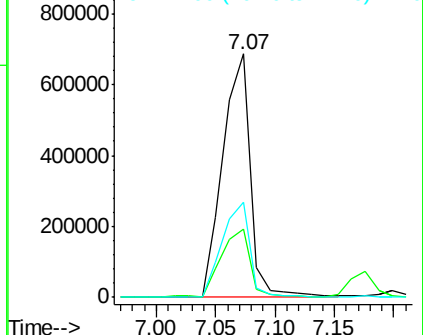
71 39.2 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.86 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

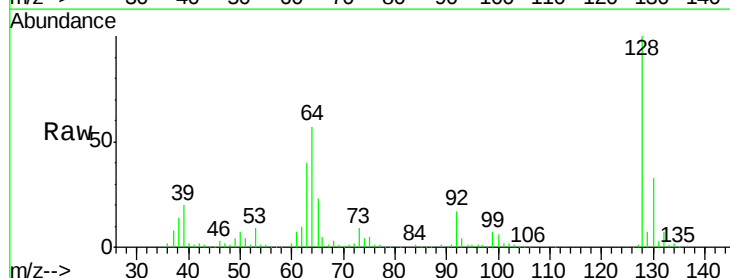
Tgt Ion: 128 Resp: 328315

Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

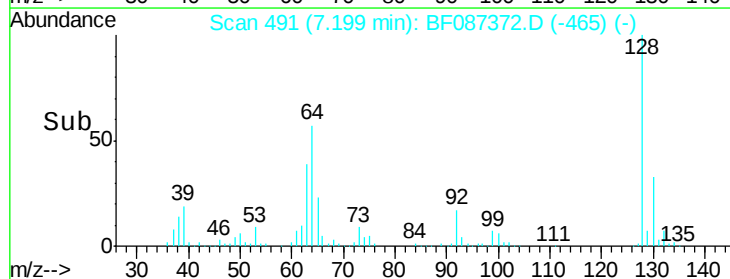
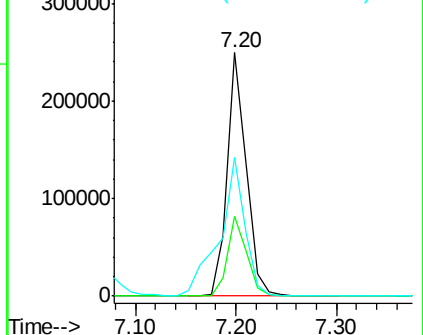
64 56.9 27.3 67.3

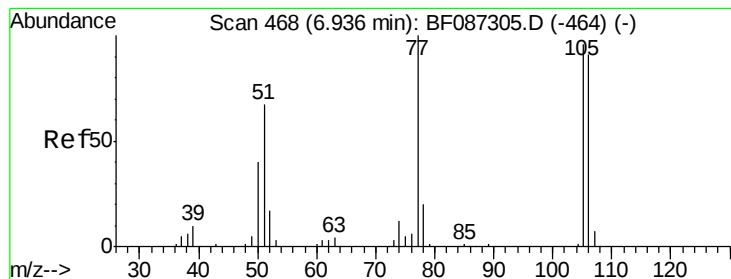


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.02 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

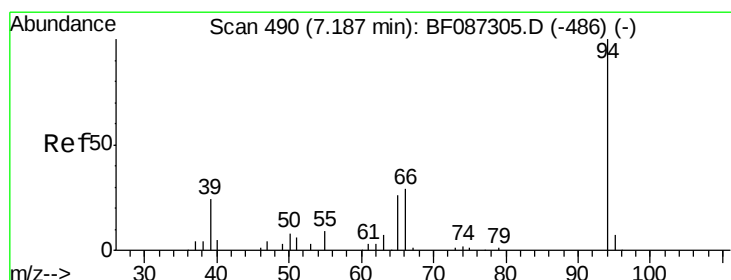
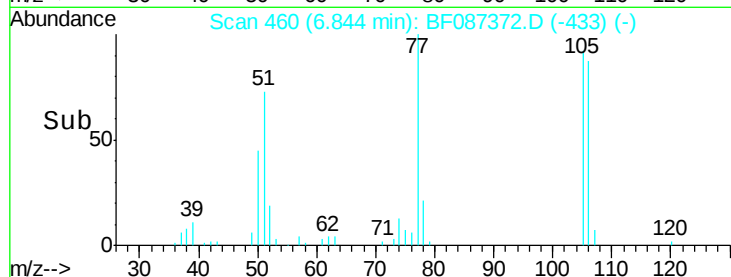
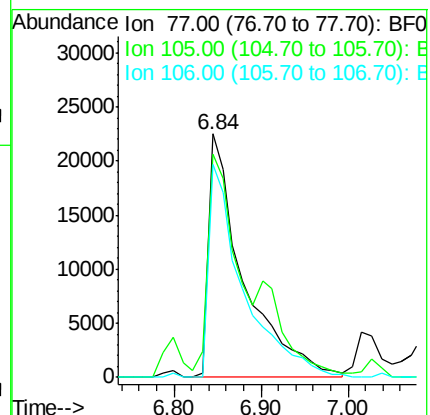
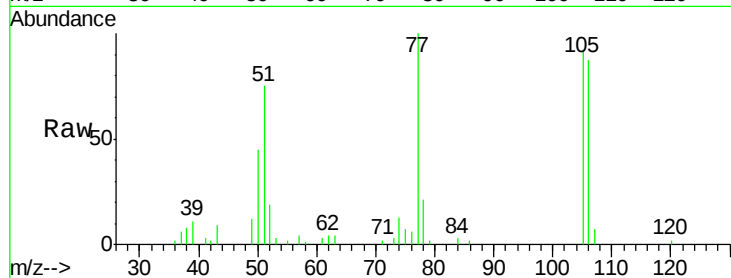
Tgt Ion: 77 Resp: 62802

Ion Ratio Lower Upper

77 100

105 91.7 72.7 112.7

106 87.3 70.8 110.8



#10

Phenol

Concen: 43.46 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

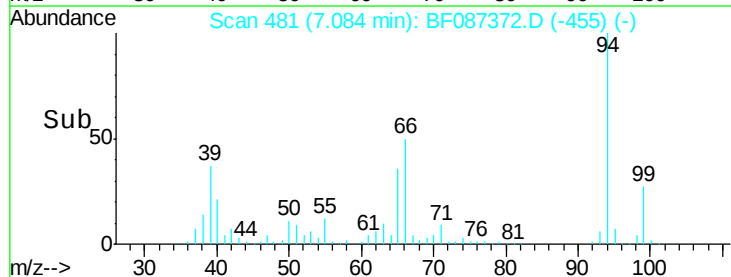
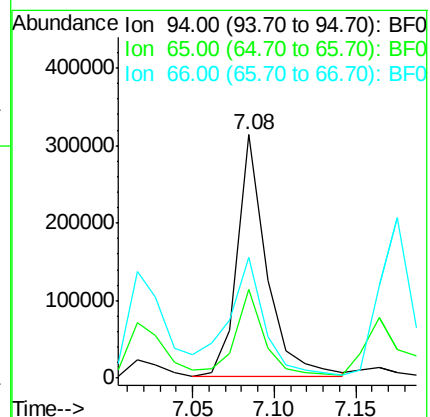
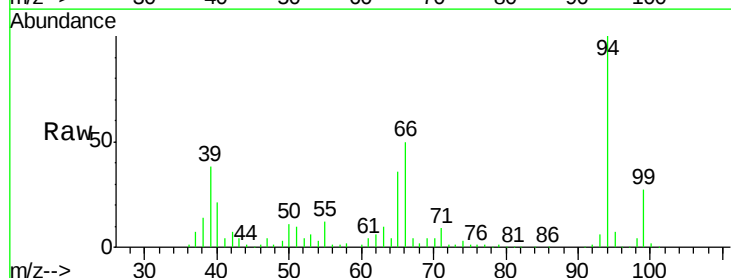
Tgt Ion: 94 Resp: 384904

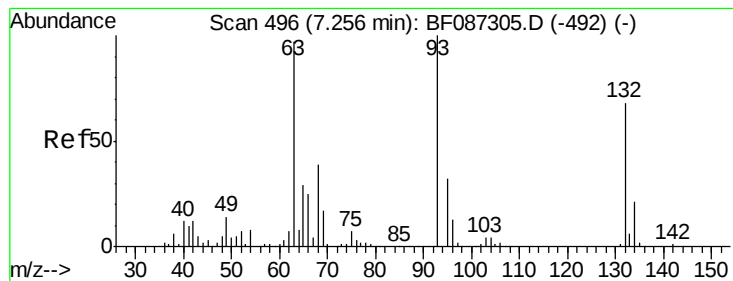
Ion Ratio Lower Upper

94 100

65 36.3 7.2 47.2

66 49.6 14.9 54.9

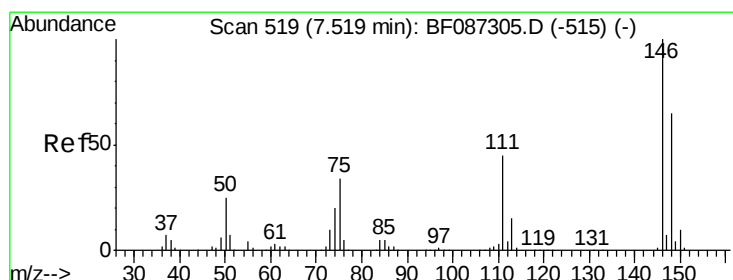
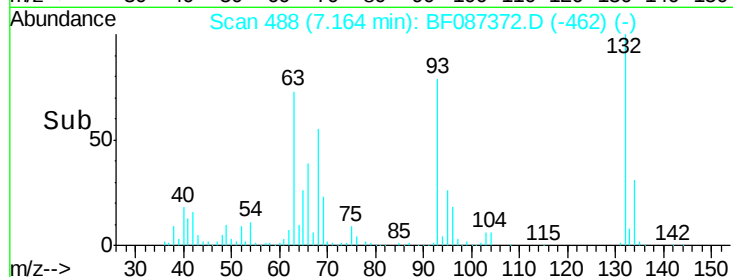
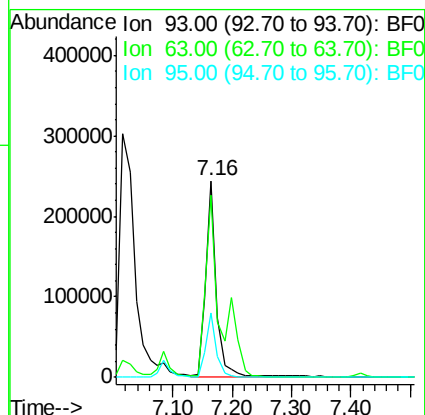
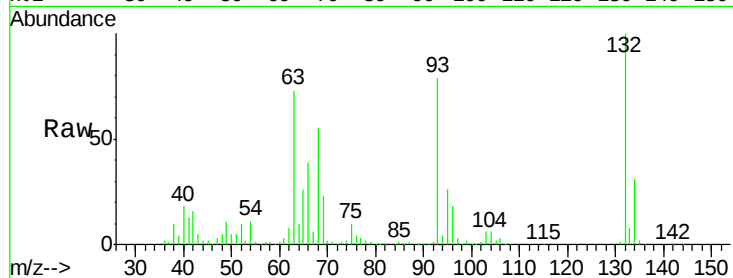




#11
bis(2-Chloroethyl)ether
Concen: 43.60 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

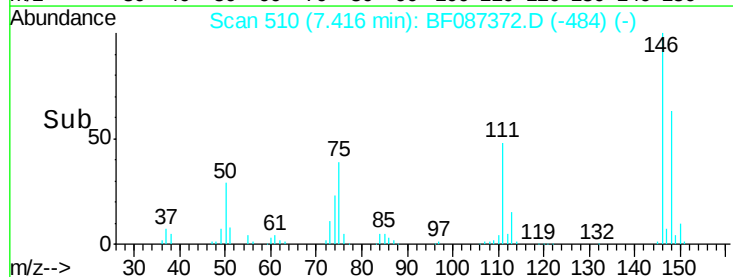
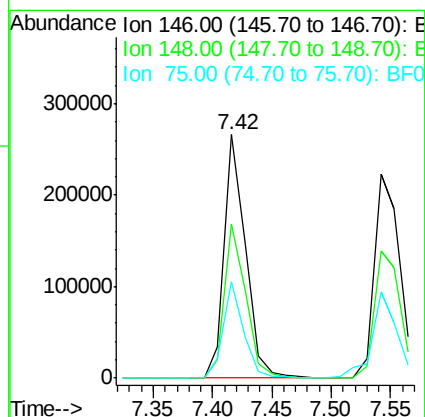
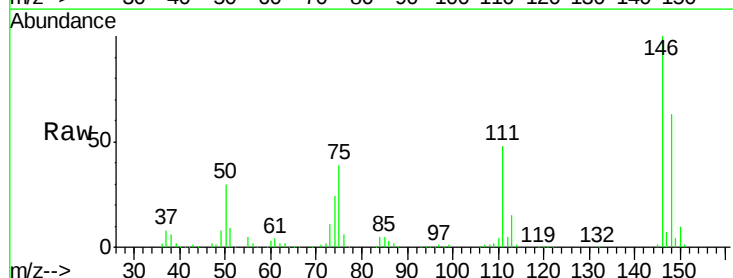
Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

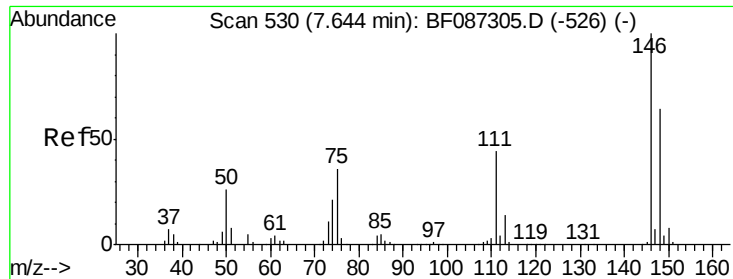
Tgt Ion: 93 Resp: 312574
Ion Ratio Lower Upper
93 100
63 92.4 58.0 98.0
95 32.8 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 40.40 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion: 146 Resp: 329910
Ion Ratio Lower Upper
146 100
148 63.2 52.4 78.6
75 39.4 22.8 34.2#

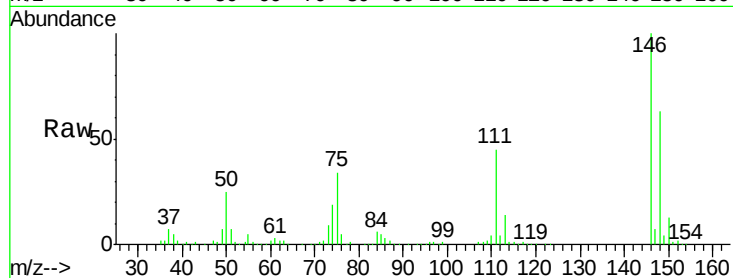




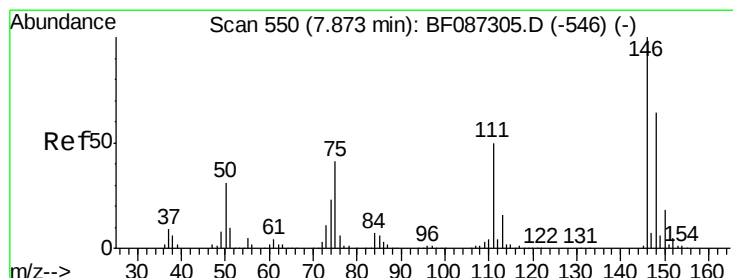
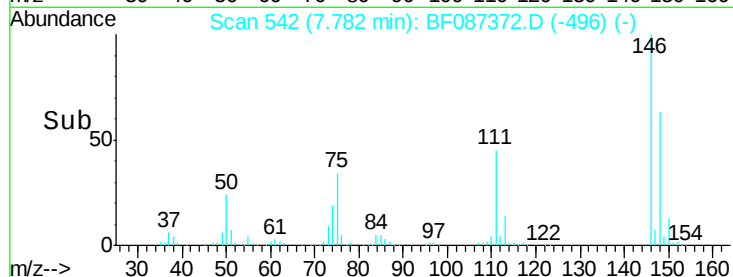
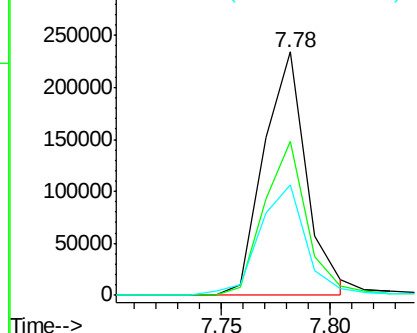
#13
 1,4-Dichlorobenzene
 Concen: 38.36 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.23 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

Tgt Ion:146 Resp: 321604
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.4
 111 45.2 30.7 46.1

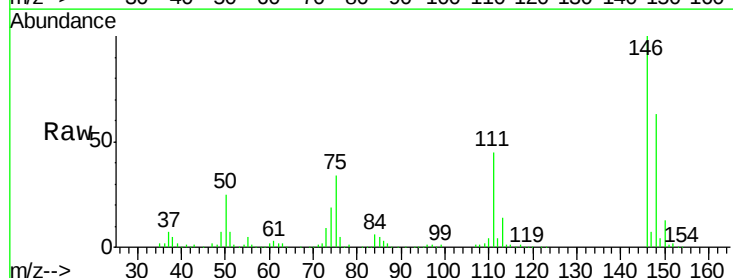


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

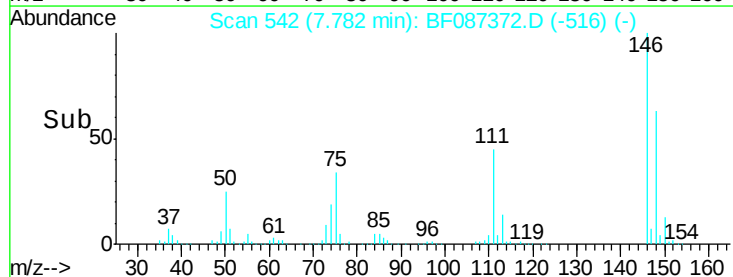
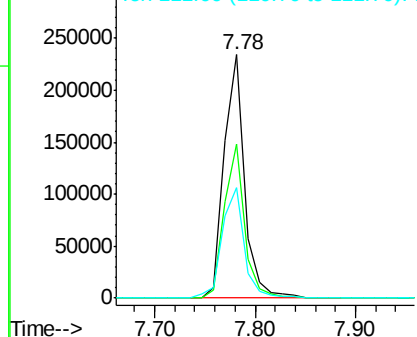


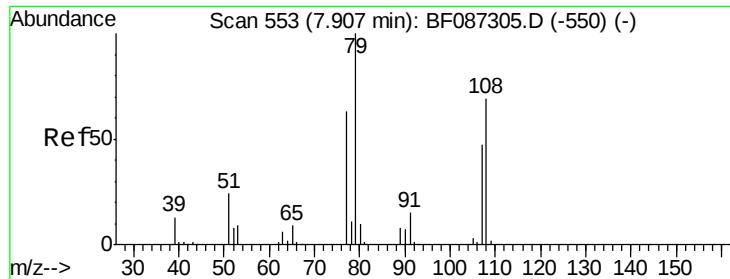
#14
 1,2-Dichlorobenzene
 Concen: 42.64 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion:146 Resp: 330599
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.0 76.6
 111 45.2 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.50 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

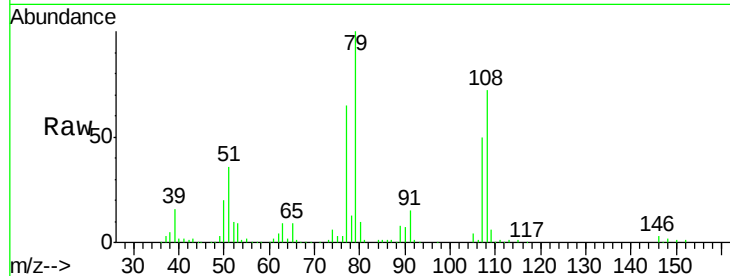
Tgt Ion: 79 Resp: 316400

Ion Ratio Lower Upper

79 100

108 71.6 68.4 102.6

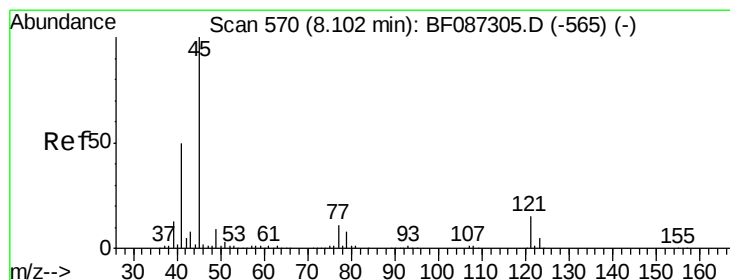
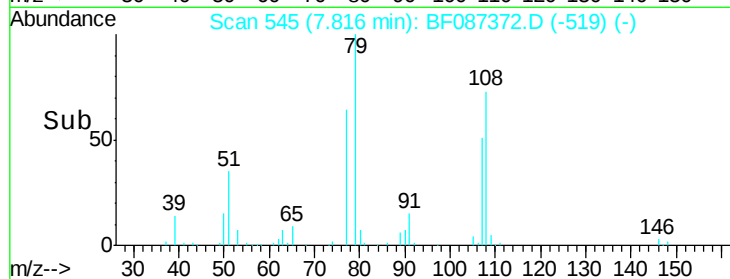
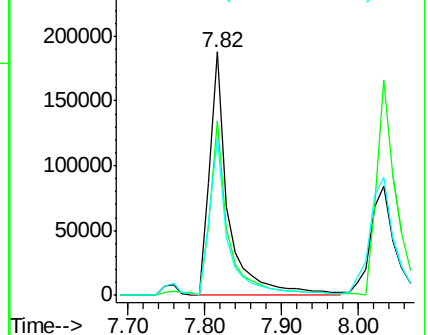
77 64.8 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.33 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

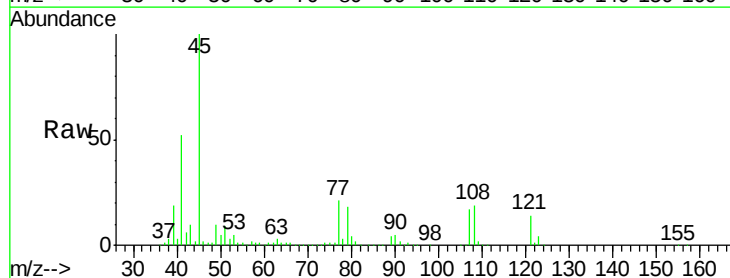
Tgt Ion: 45 Resp: 634374

Ion Ratio Lower Upper

45 100

77 20.9 0.0 36.4

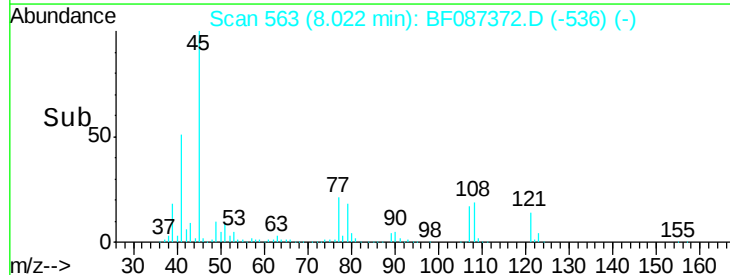
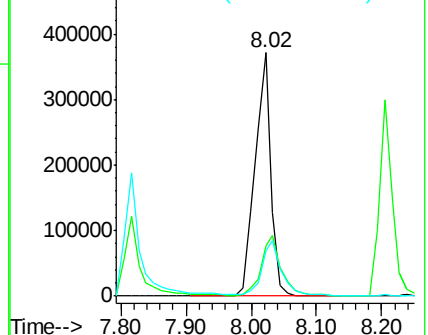
79 18.3 0.0 33.4

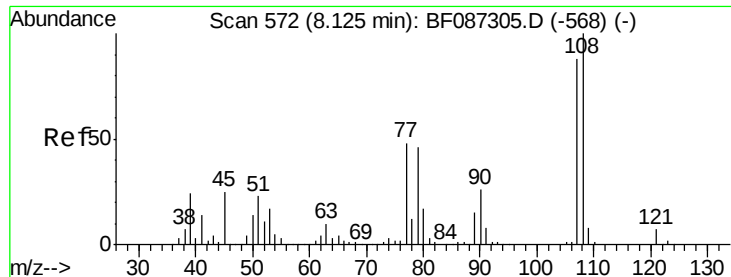


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

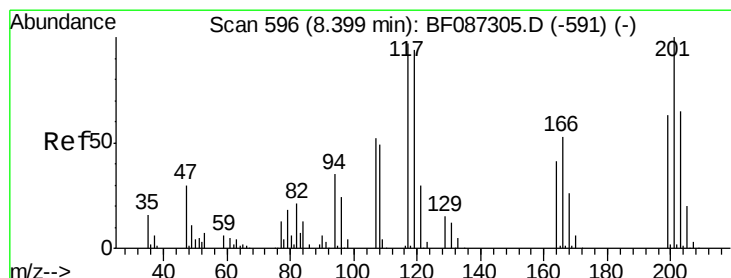
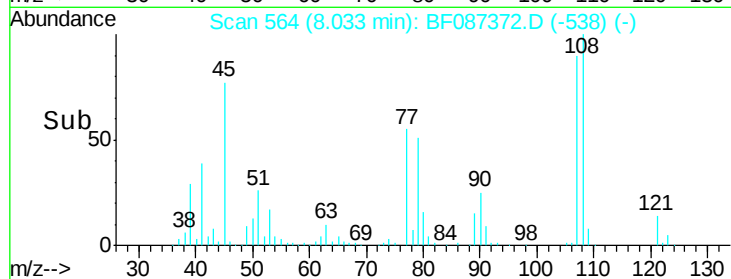
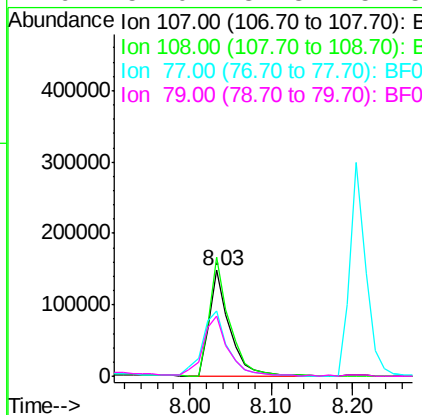
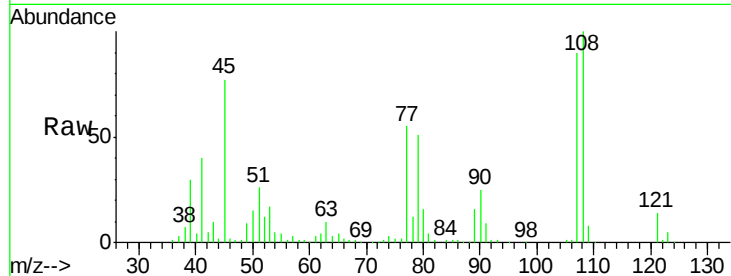




#17
 2-Methylphenol
 Concen: 42.69 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

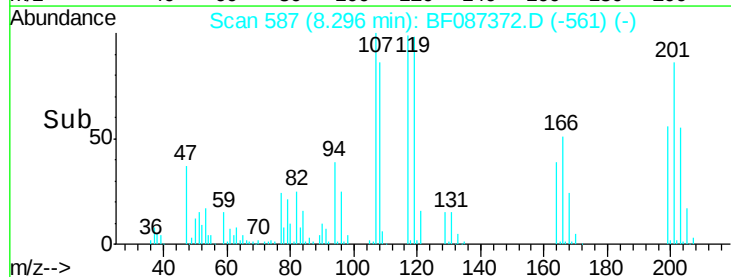
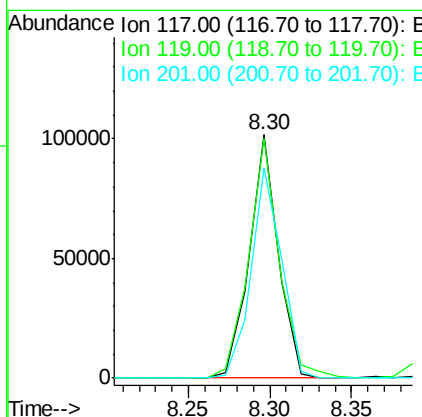
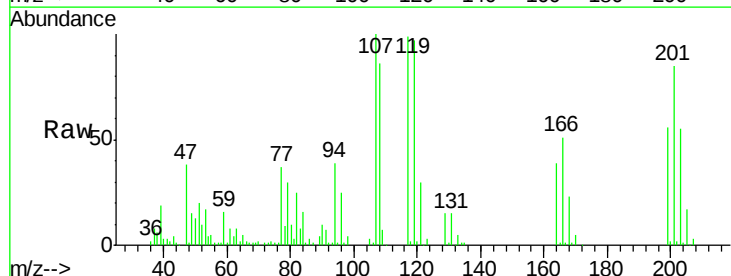
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

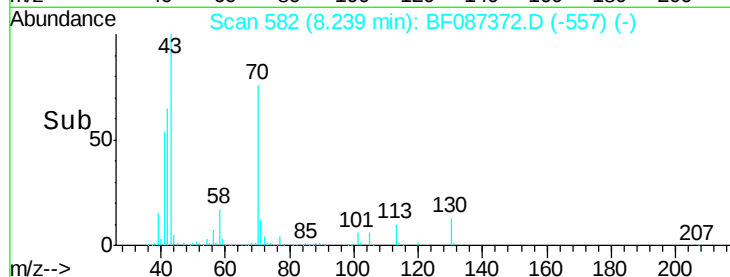
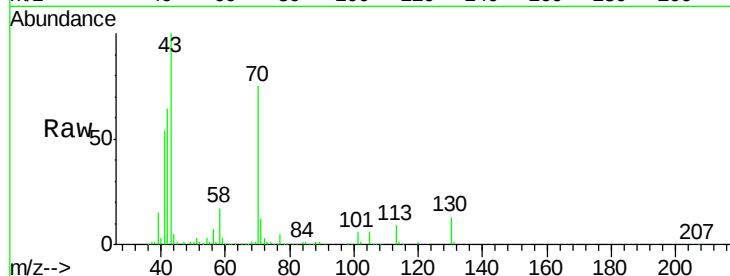
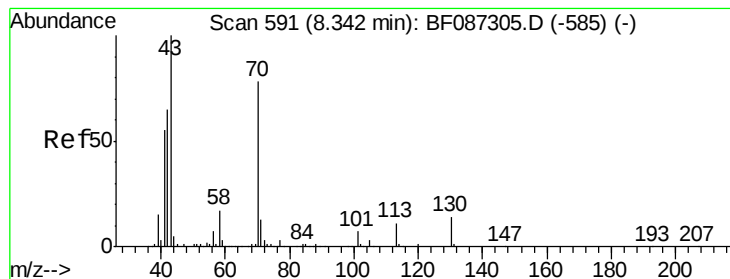
Tgt Ion:	107	Resp:	256128
Ion	Ratio	Lower	Upper
107	100		
108	111.7	93.7	140.5
77	61.6	33.4	50.0#
79	57.0	34.3	51.5#



#18
 Hexachloroethane
 Concen: 40.01 ng
 RT: 8.30 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion:	117	Resp:	125122
Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.5	114.7
201	86.5	63.0	94.6





#19

n-Nitroso-di-n-propylamine

Concen: 44.75 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

Tgt Ion: 70 Resp: 270716

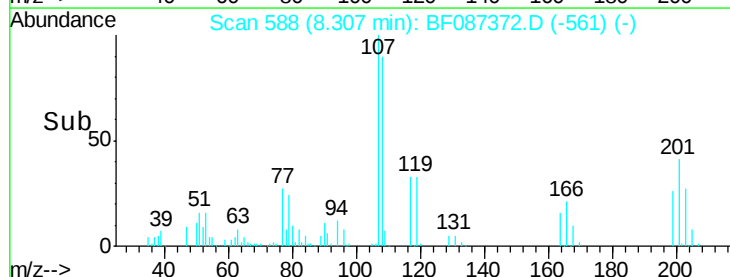
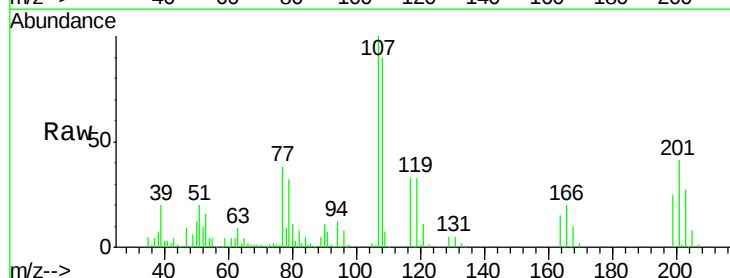
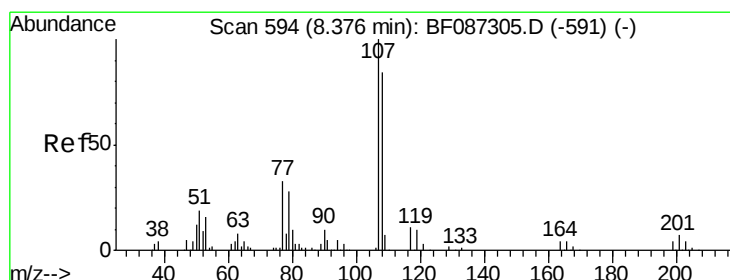
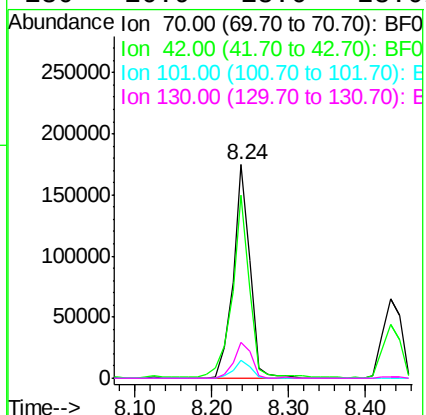
Ion Ratio Lower Upper

70 100

42 85.9 43.1 64.7#

101 8.4 8.1 12.1

130 16.9 18.6 28.0#



#20

3+4-Methylphenols

Concen: 47.35 ng

RT: 8.31 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion: 107 Resp: 343433

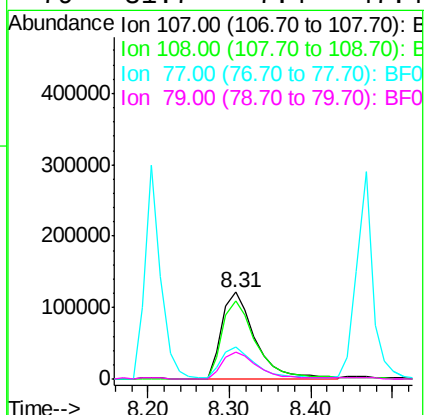
Ion Ratio Lower Upper

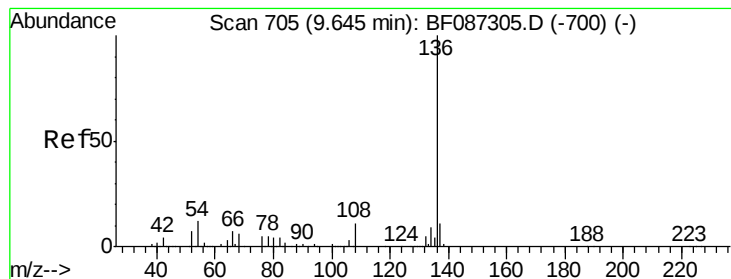
107 100

108 90.2 68.5 108.5

77 37.7 101.6 141.6#

79 31.7 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

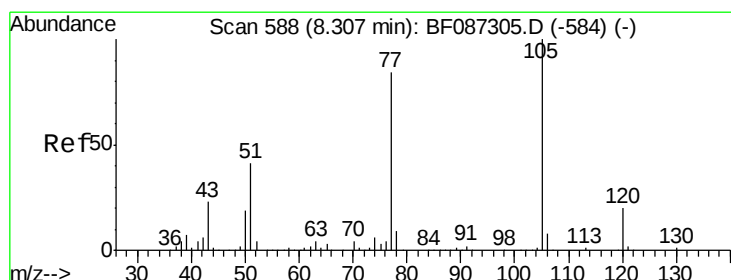
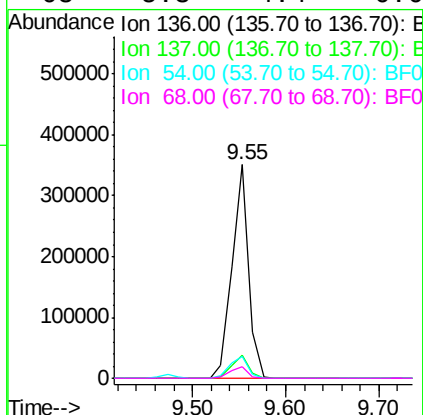
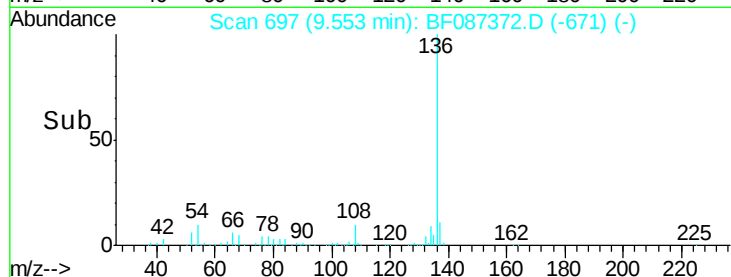
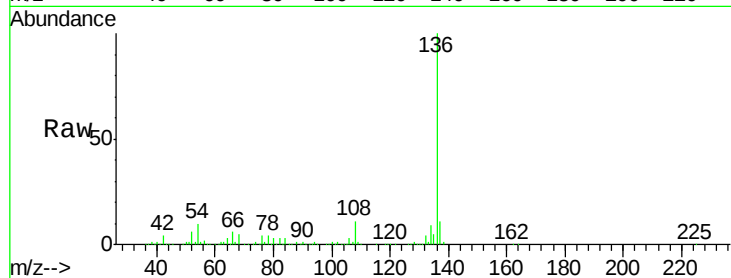
Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

Tgt Ion:	136	Resp:	436927
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.2	5.0	7.4#
68	5.3	4.4	6.6



#22

Acetophenone

Concen: 47.29 ng

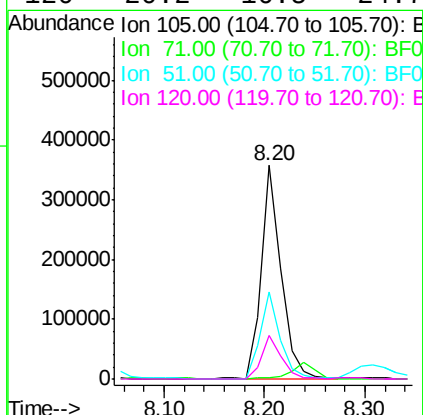
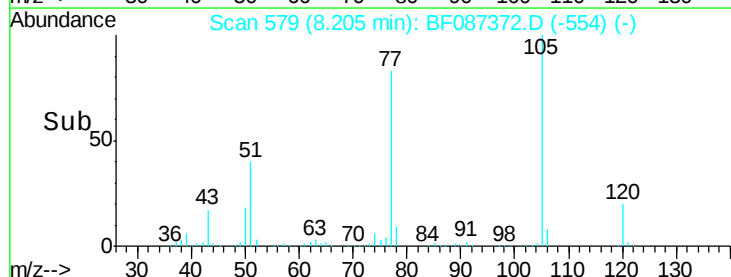
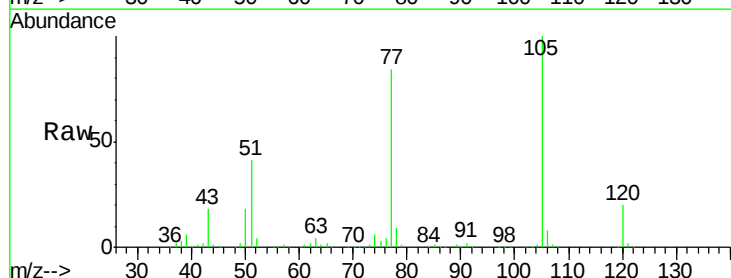
RT: 8.20 min Scan# 579

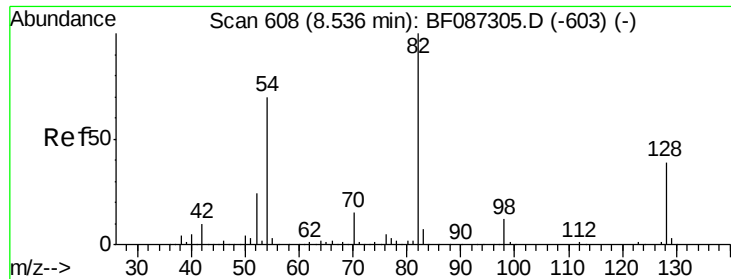
Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion:	105	Resp:	493652
Ion	Ratio	Lower	Upper
105	100		
71	0.4	4.8	7.2#
51	40.9	32.6	49.0
120	20.2	16.5	24.7

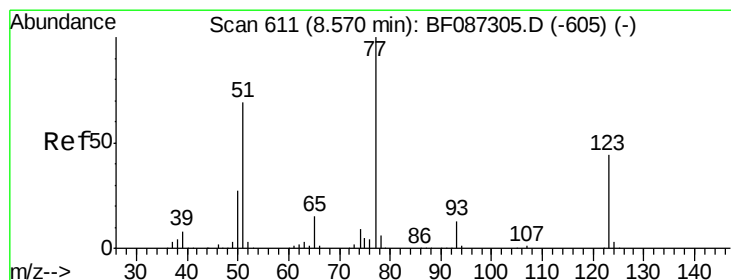
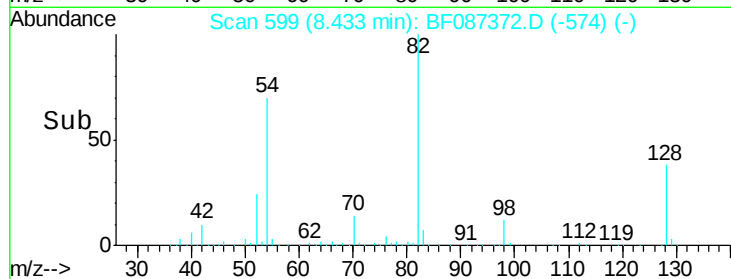
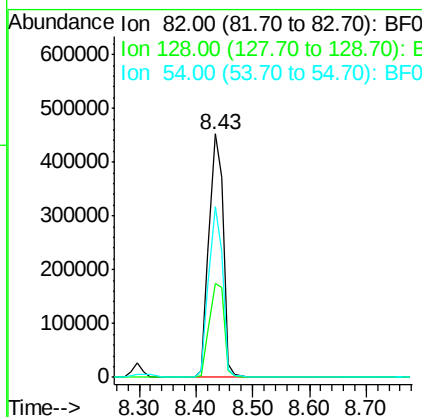
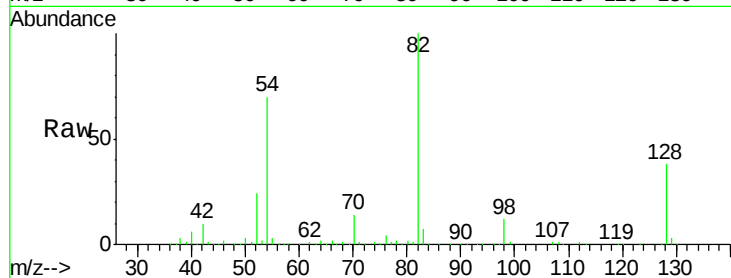




#23
 Nitrobenzene-d5
 Concen: 88.08 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

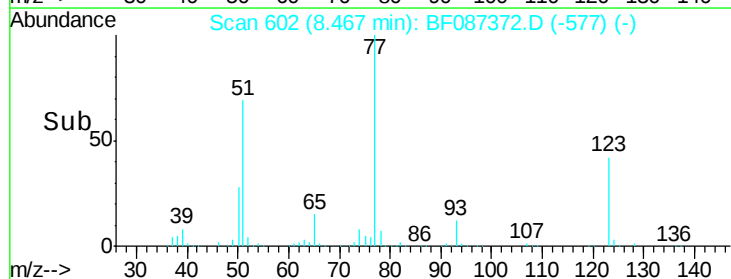
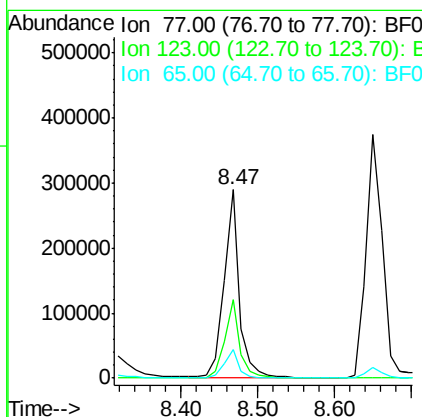
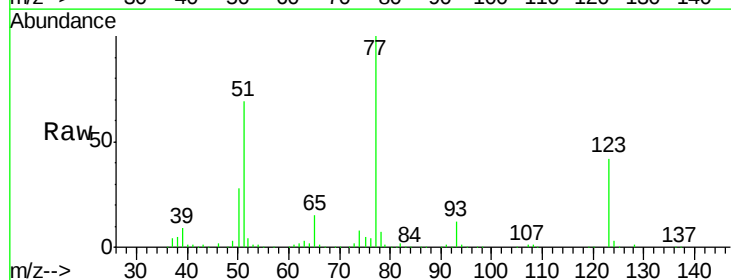
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

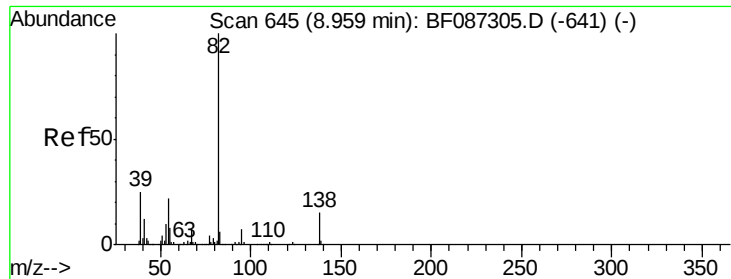
Tgt Ion: 82 Resp: 763637
 Ion Ratio Lower Upper
 82 100
 128 38.5 40.6 61.0#
 54 70.0 38.1 57.1#



#24
 Nitrobenzene
 Concen: 44.13 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion: 77 Resp: 403880
 Ion Ratio Lower Upper
 77 100
 123 41.7 33.0 49.4
 65 15.0 10.8 16.2





#25

Isophorone

Concen: 43.28 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

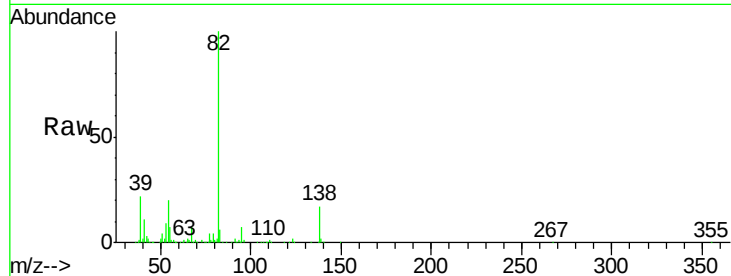
Tgt Ion: 82 Resp: 672896

Ion Ratio Lower Upper

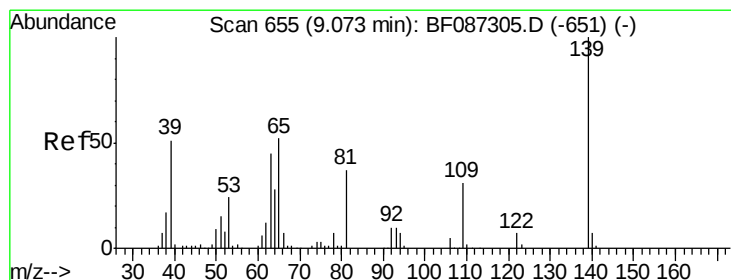
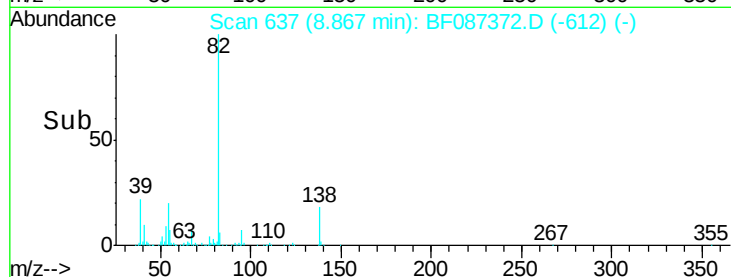
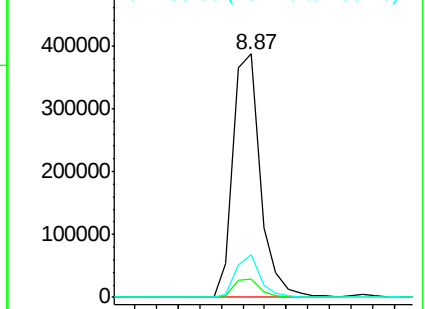
82 100

95 7.5 5.1 7.7

138 17.5 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.57 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

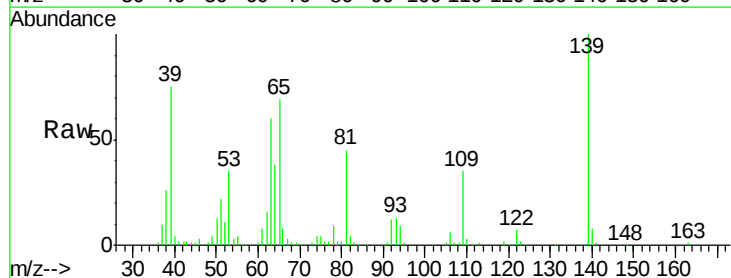
Tgt Ion: 139 Resp: 170471

Ion Ratio Lower Upper

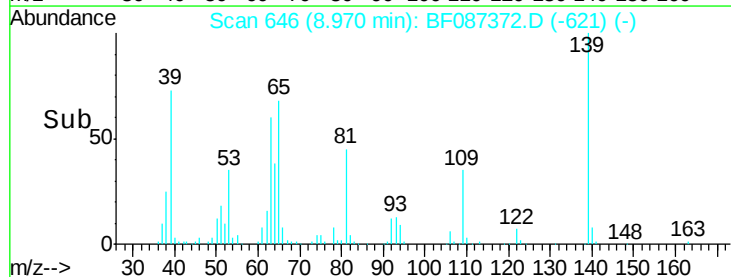
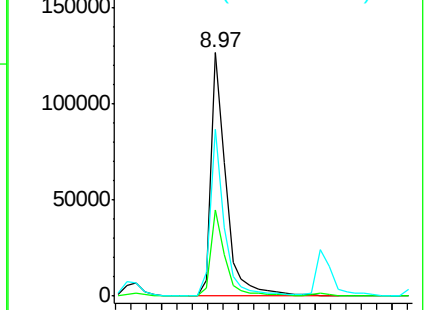
139 100

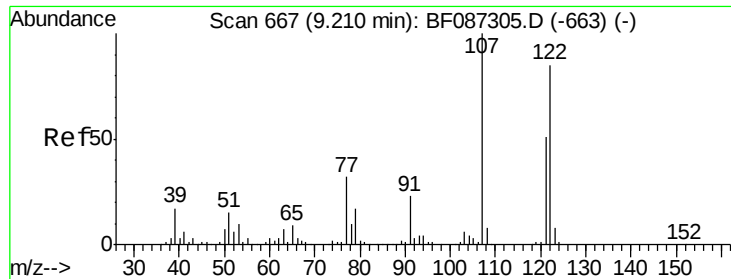
109 35.3 19.5 29.3#

65 68.5 37.5 56.3#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

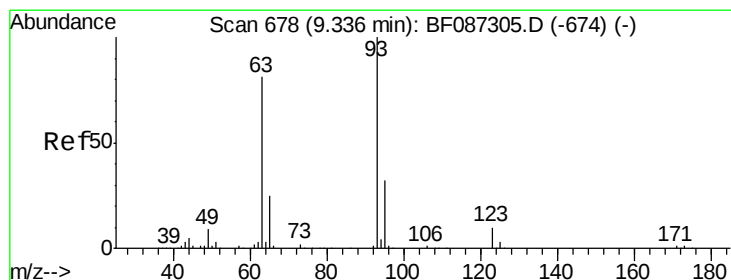
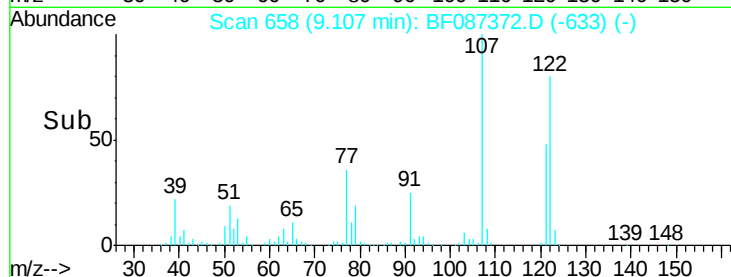
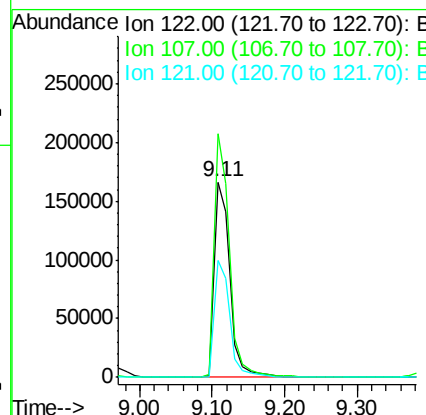
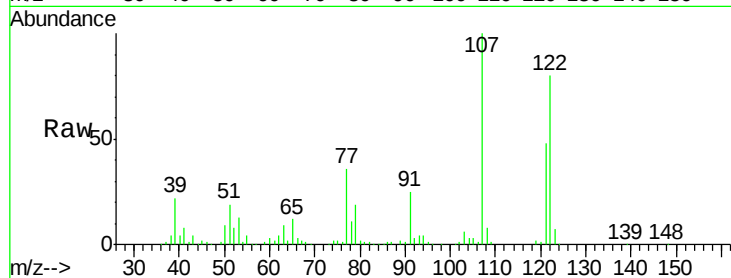




#27
 2,4-Dimethylphenol
 Concen: 38.12 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

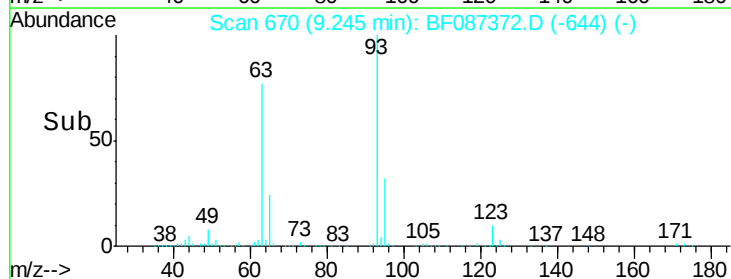
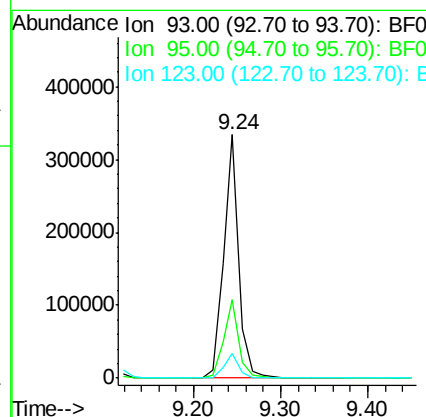
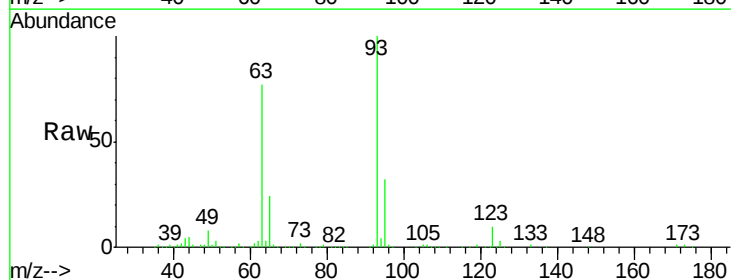
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

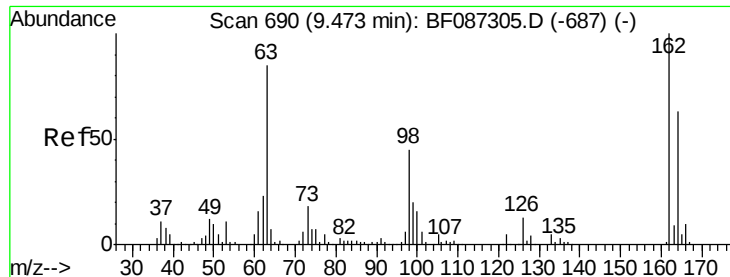
Tgt Ion:122 Resp: 247548
 Ion Ratio Lower Upper
 122 100
 107 124.5 82.0 123.0#
 121 59.8 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.22 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion: 93 Resp: 404771
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.0 39.0
 123 10.0 9.5 14.3

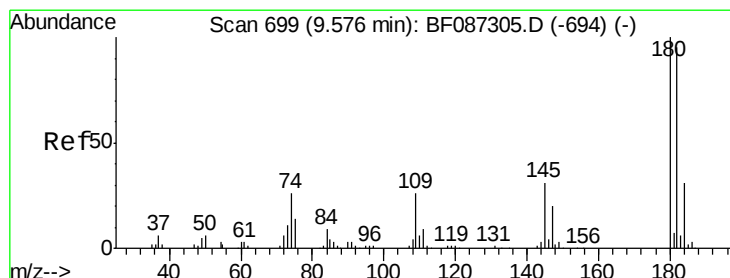
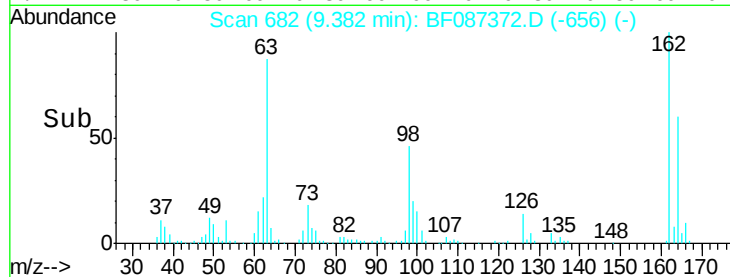
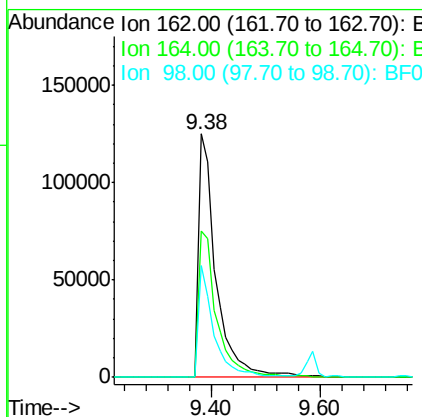
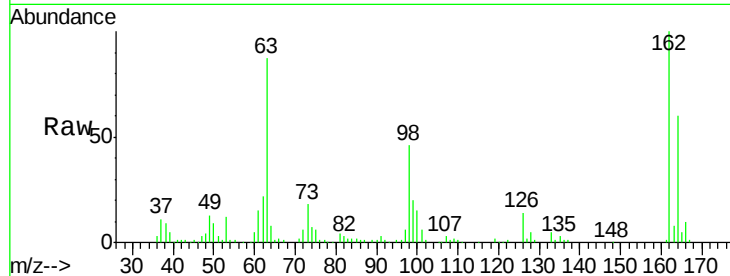




#29
 2,4-Dichlorophenol
 Concen: 47.15 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

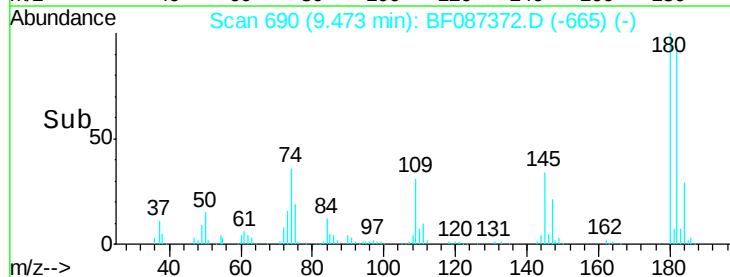
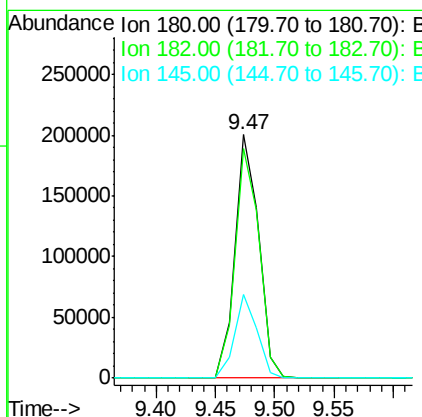
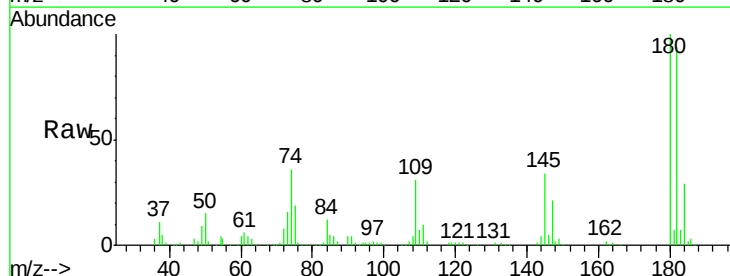
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

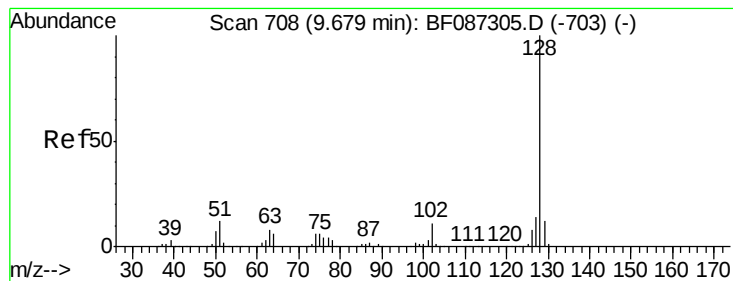
Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.2	42.2	82.2
98	45.8	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.76 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	78.0	117.0
145	34.2	24.2	36.2





#31

Naphthalene

Concen: 46.90 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampled :

E-3(6.5-7)MS

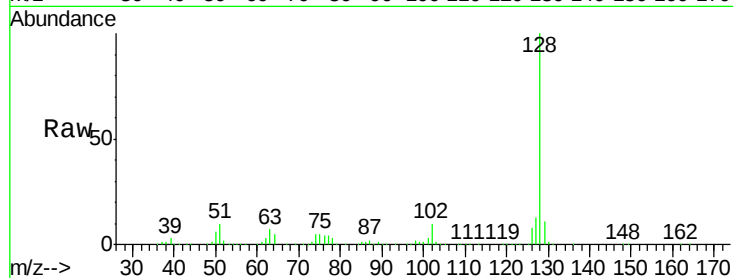
Tgt Ion:128 Resp: 1026907

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

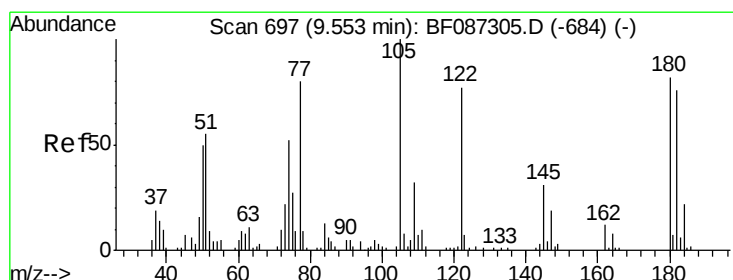
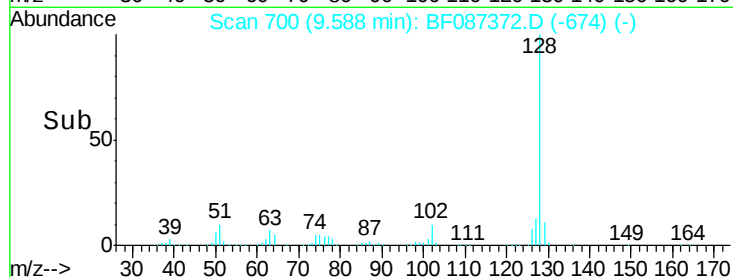
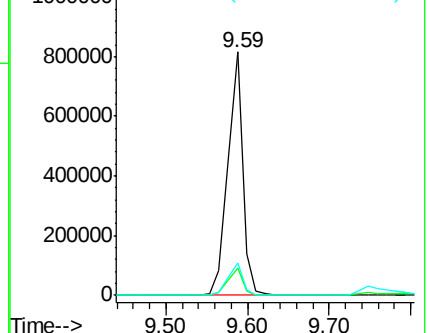
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.59 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.02 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

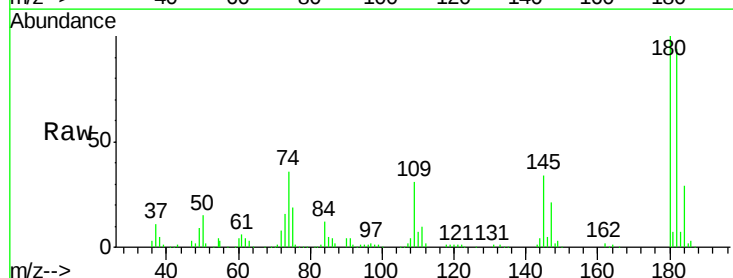
Tgt Ion:122 Resp: 2915

Ion Ratio Lower Upper

122 100

105 37.4 92.6 132.6#

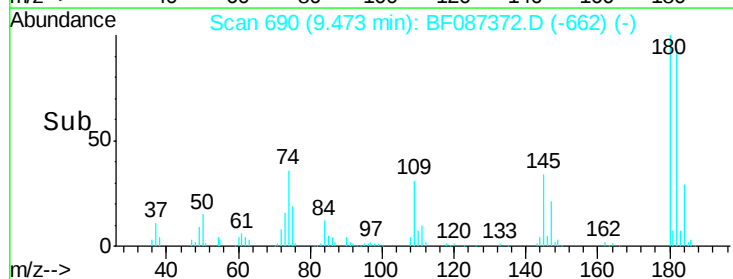
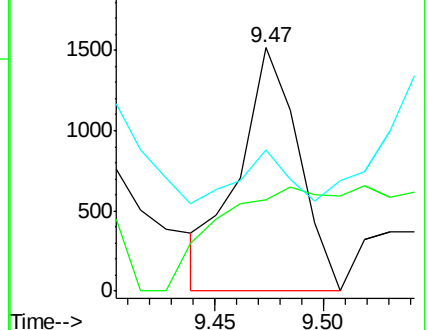
77 58.2 60.0 100.0#

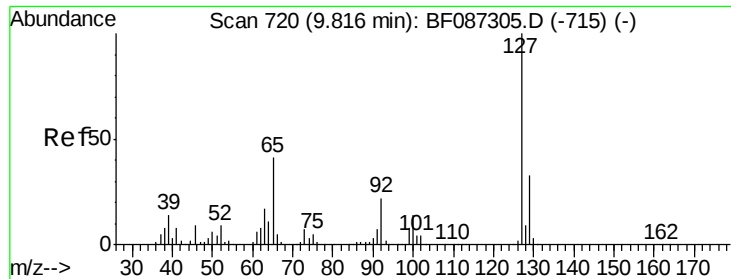


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

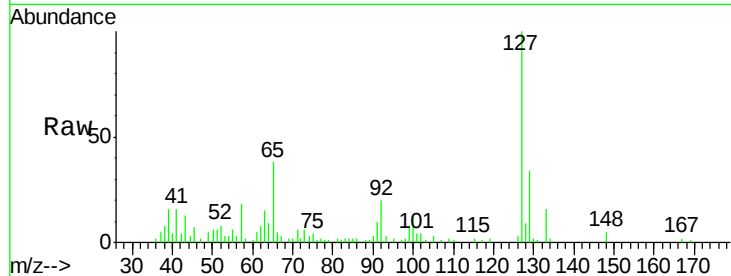




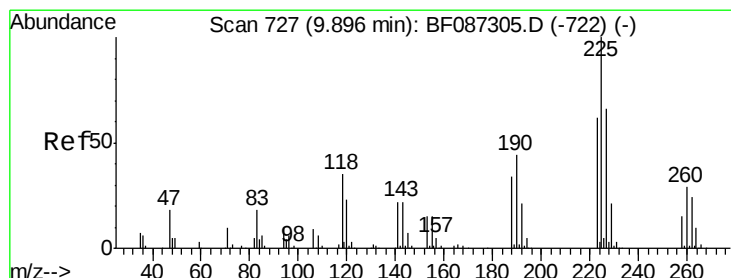
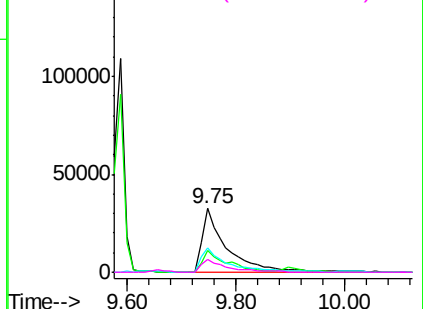
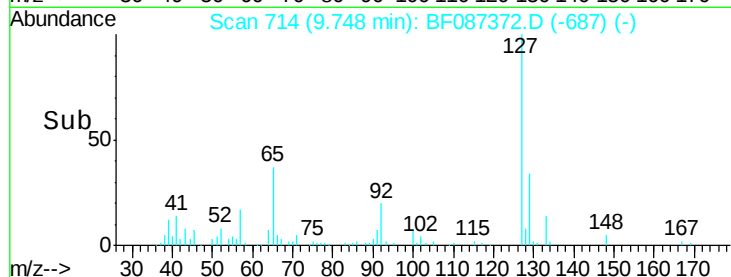
#33
4-Chloroaniline
Concen: 12.57 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

Tgt Ion:	127	Resp:	101376
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.4
65	37.9	23.0	34.4
92	19.8	15.1	22.7

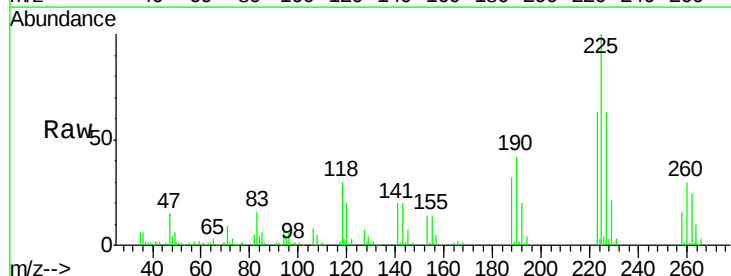


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

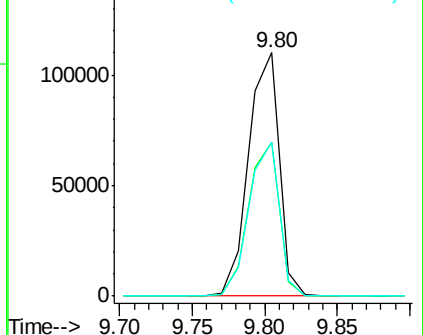
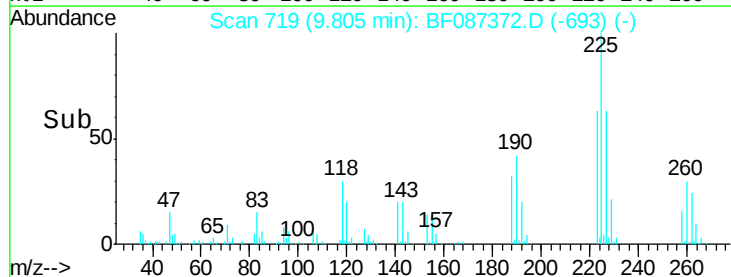


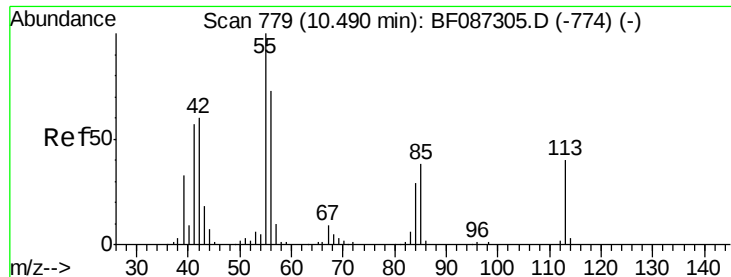
#34
Hexachlorobutadiene
Concen: 39.72 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion:	225	Resp:	161746
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.5	77.3
227	63.2	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

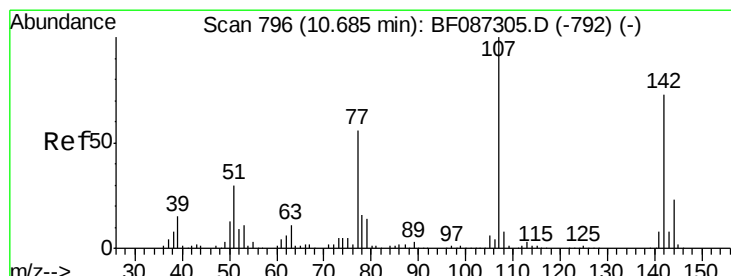
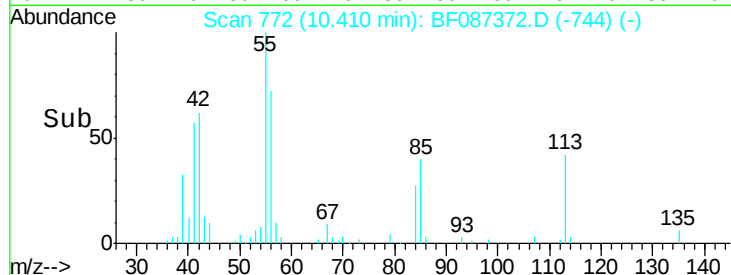
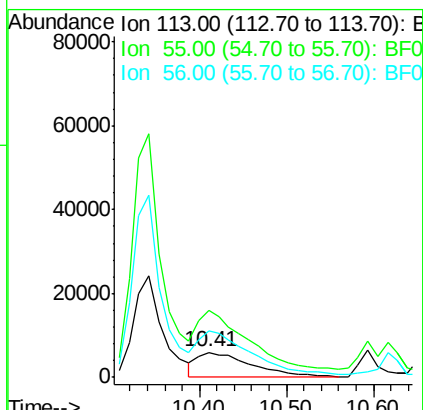
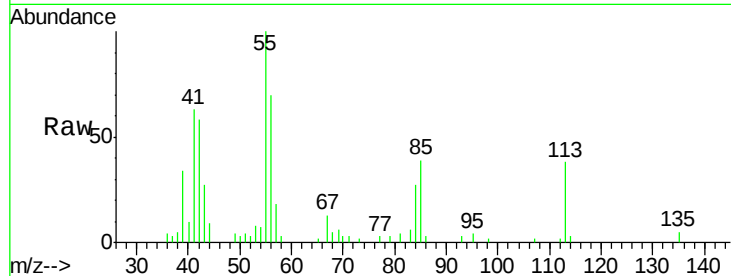




#35
 Caprolactam
 Concen: 15.38 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.02 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

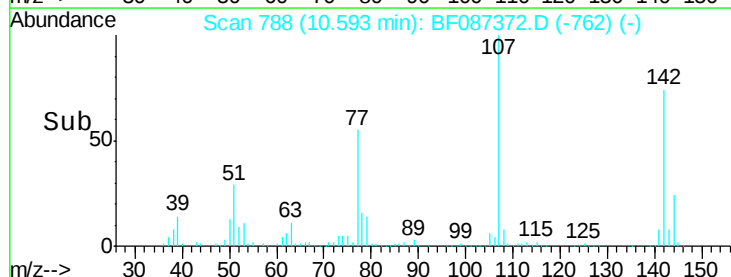
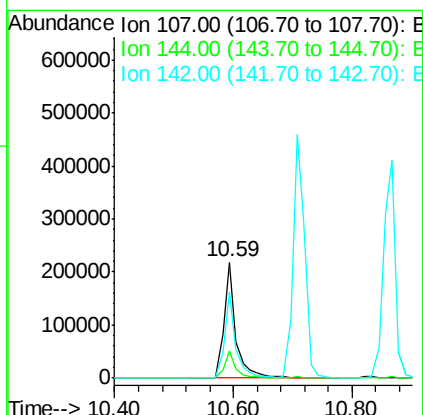
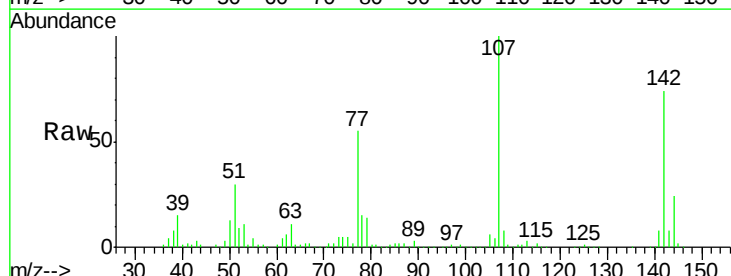
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

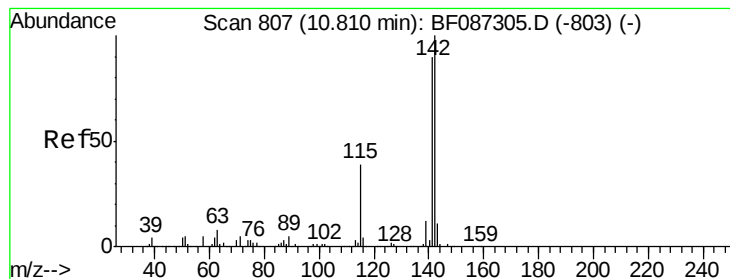
Tgt Ion:113 Resp: 26276
 Ion Ratio Lower Upper
 113 100
 55 263.1 162.0 202.0#
 56 183.6 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 46.00 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion:107 Resp: 304374
 Ion Ratio Lower Upper
 107 100
 144 23.5 20.7 31.1
 142 73.9 63.2 94.8





#37

2-Methylnaphthalene

Concen: 41.99 ng

RT: 10.87 min Scan# 812

Delta R.T. 0.15 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

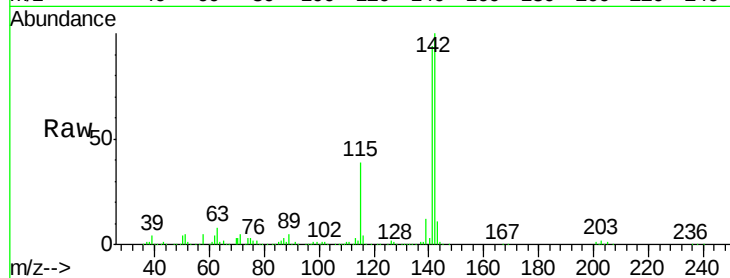
Tgt Ion:142 Resp: 574283

Ion Ratio Lower Upper

142 100

141 93.7 71.0 106.6

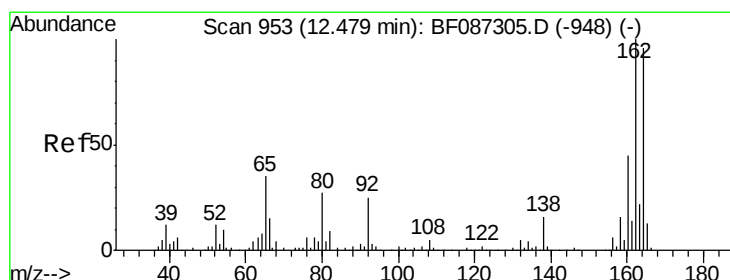
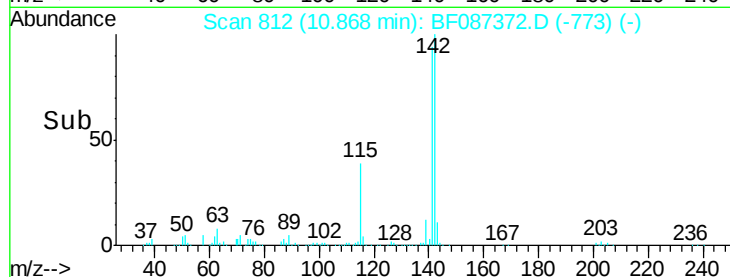
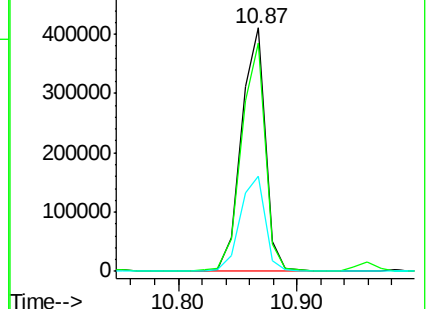
115 39.0 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

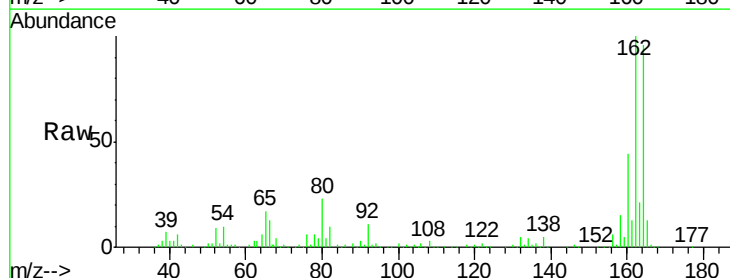
Tgt Ion:164 Resp: 194582

Ion Ratio Lower Upper

164 100

162 103.9 82.8 124.2

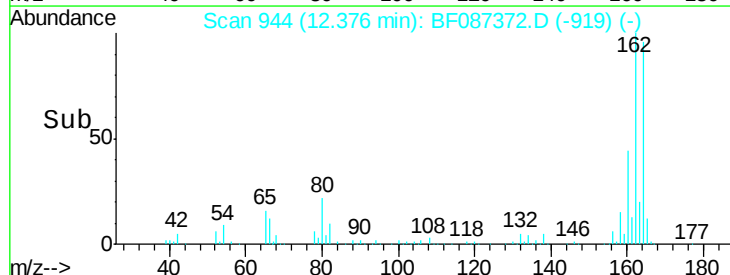
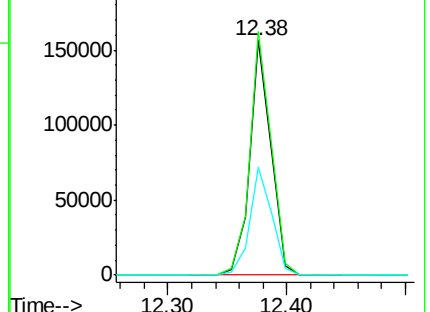
160 46.0 36.9 55.3

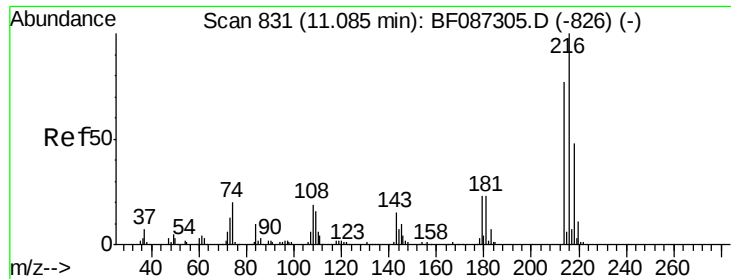


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.55 ng

RT: 10.98 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

Tgt Ion:216 Resp: 252572

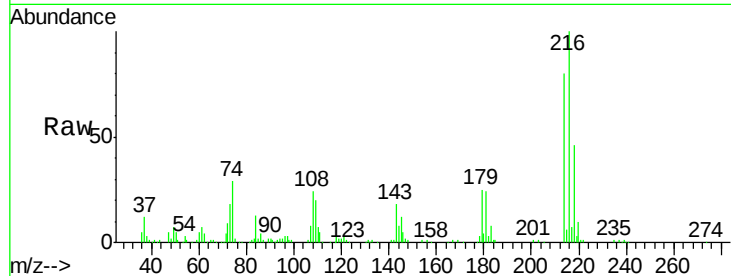
Ion Ratio Lower Upper

216 100

214 78.8 62.6 93.8

179 23.8 18.2 27.4

108 23.0 17.5 26.3

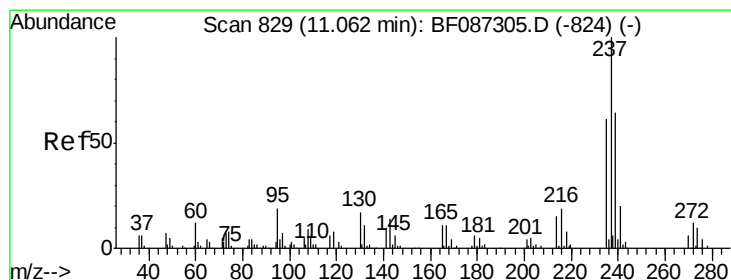
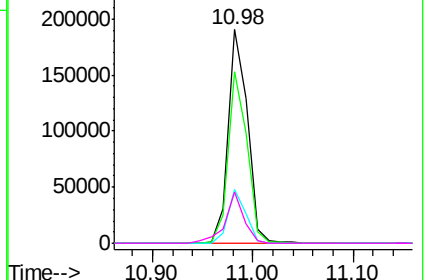
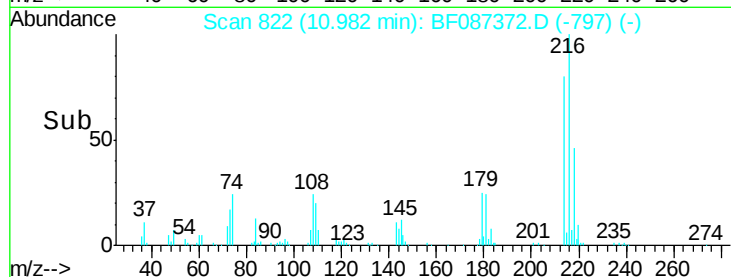


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 53.81 ng

RT: 10.96 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

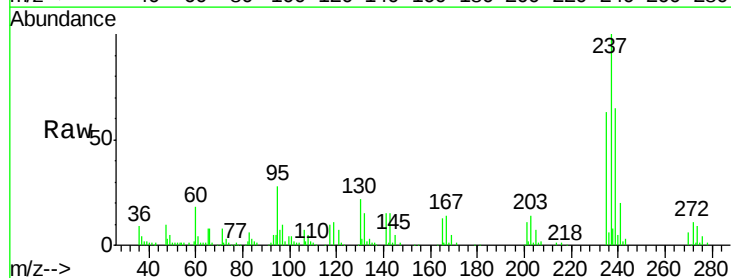
Tgt Ion:237 Resp: 128929

Ion Ratio Lower Upper

237 100

235 62.8 47.2 87.2

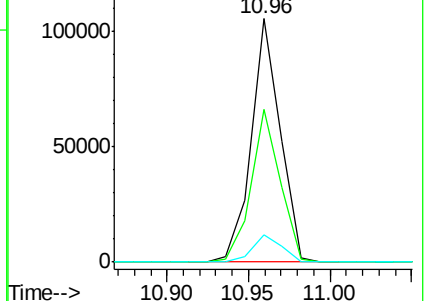
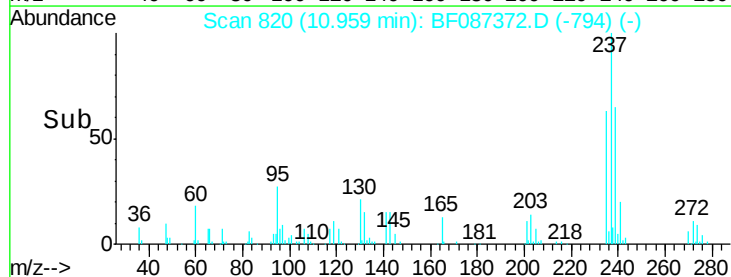
272 11.3 0.0 31.1

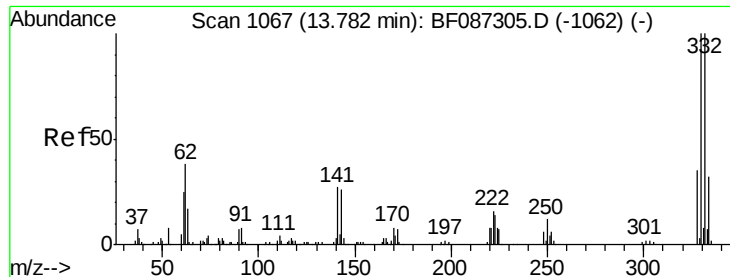


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

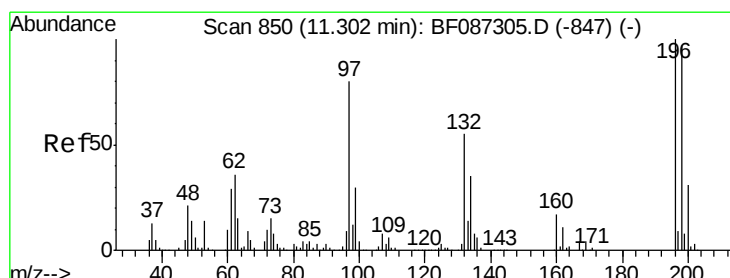
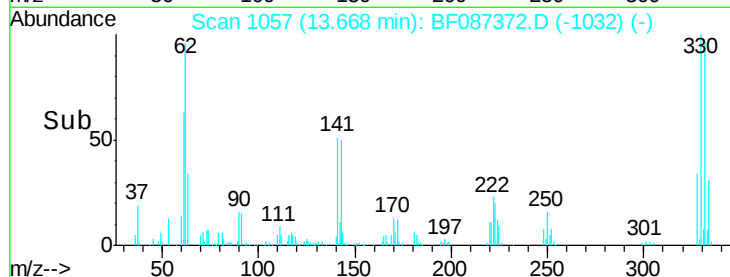
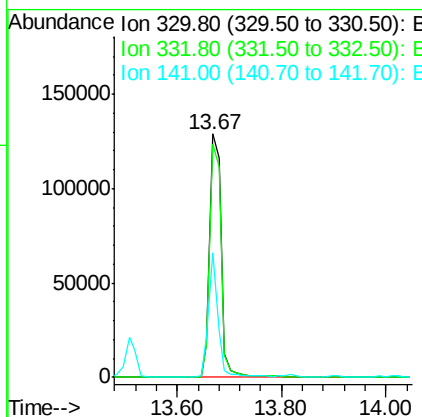
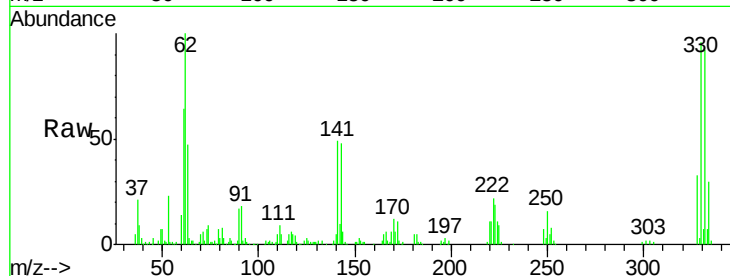




#41
 2,4,6-Tribromophenol
 Concen: 106.35 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

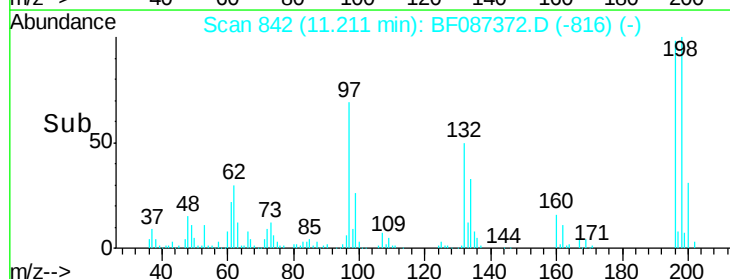
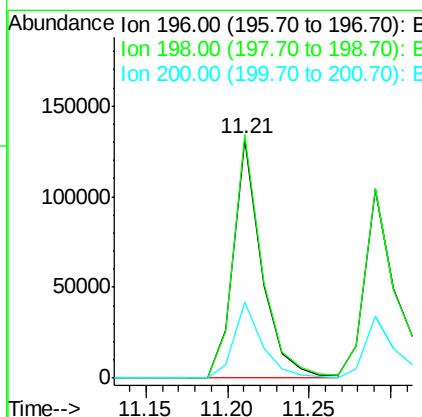
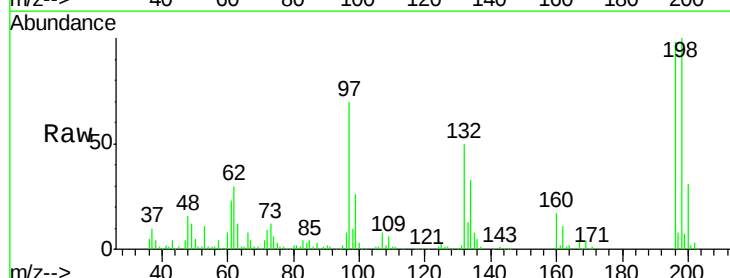
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

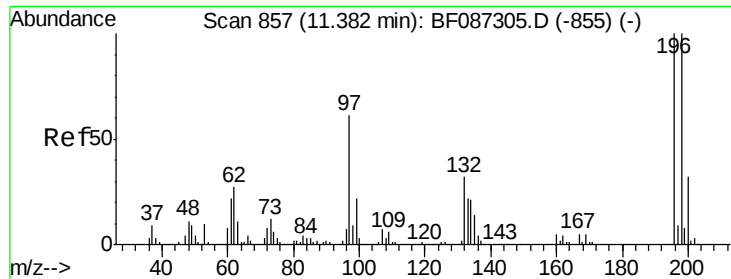
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	41.5	31.2	46.8



#42
 2,4,6-Trichlorophenol
 Concen: 44.13 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.0	74.7	112.1
200	31.8	23.8	35.6

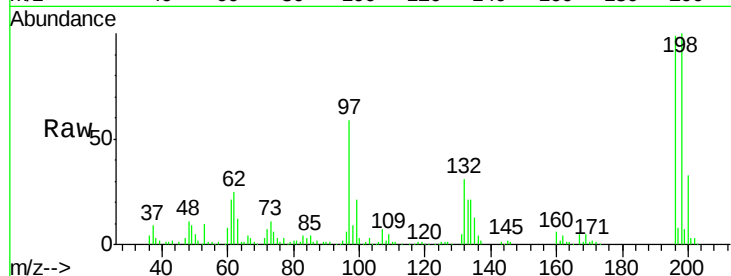




#43
 2,4,5-Trichlorophenol
 Concen: 43.54 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

Tgt Ion	Resp	Lower	Upper
196	159427		
196	100		
198	100.6	77.5	116.3
97	59.3	34.8	52.2
132	31.7	23.0	34.4



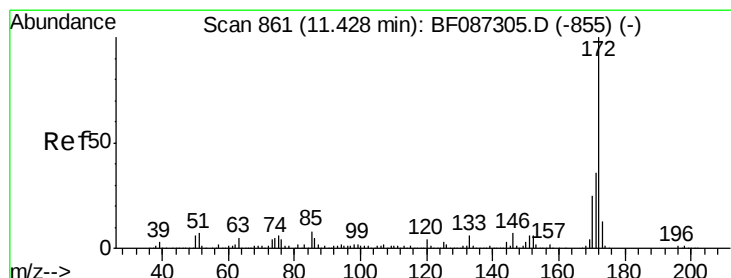
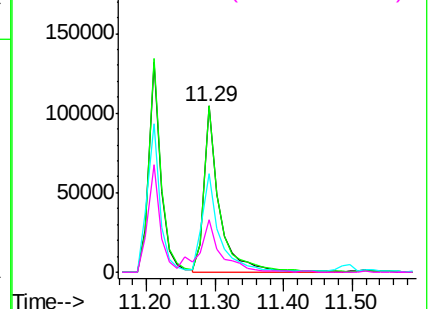
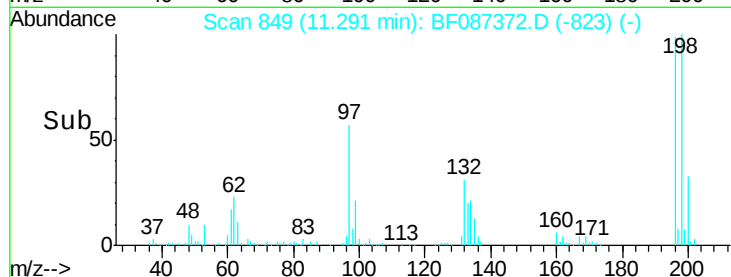
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

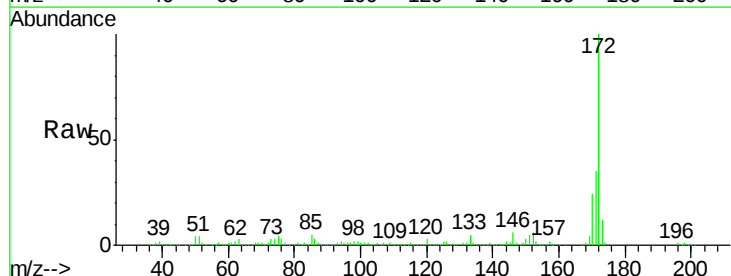
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.35 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion	Resp	Lower	Upper
172	1095227		
172	100		
171	35.1	29.0	43.6
170	23.7	19.8	29.8

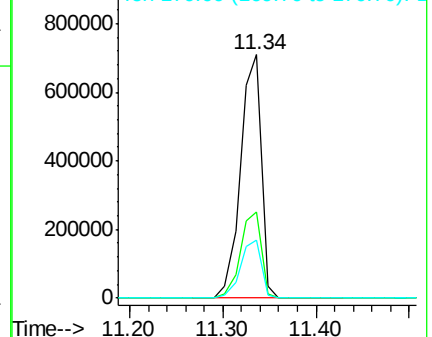
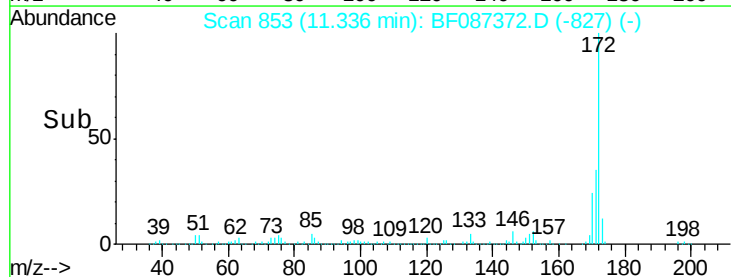


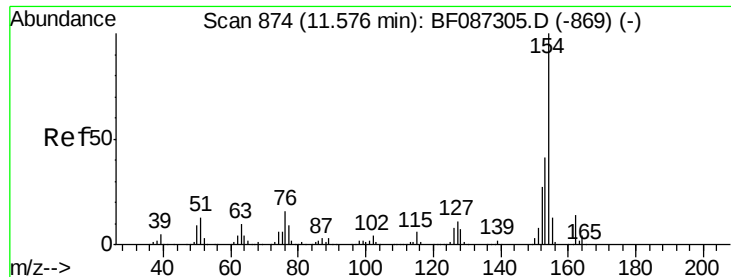
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

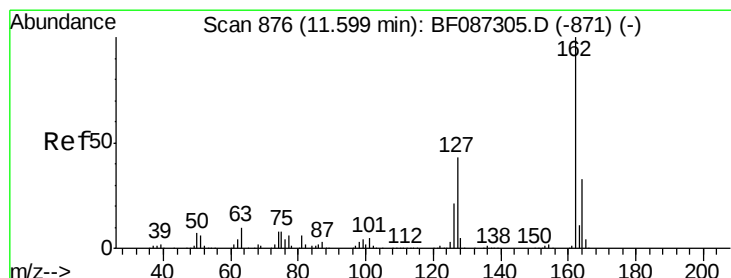
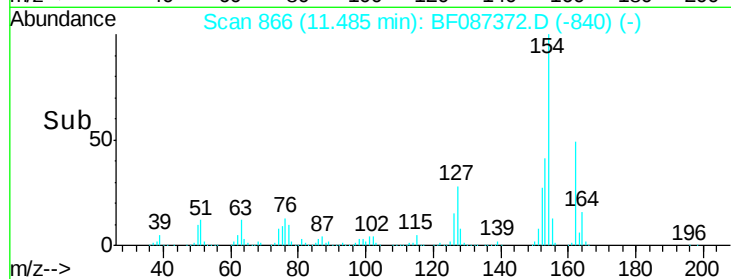
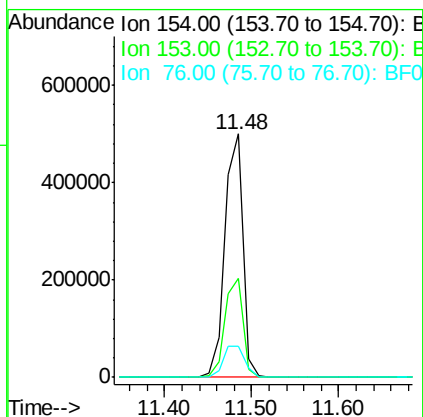
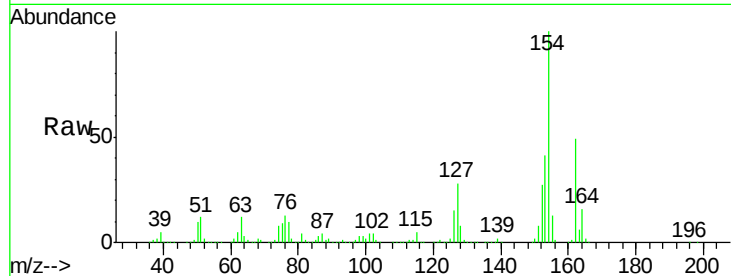




#45
 1,1'-Biphenyl
 Concen: 44.22 ng
 RT: 11.48 min Scan# 866
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

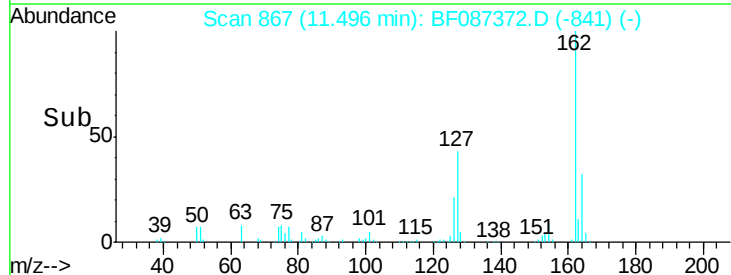
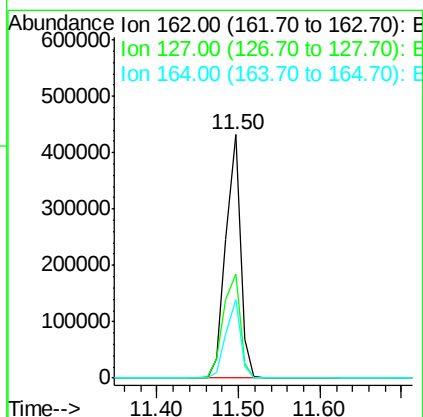
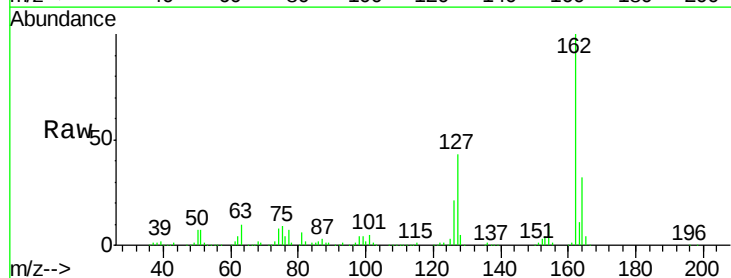
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

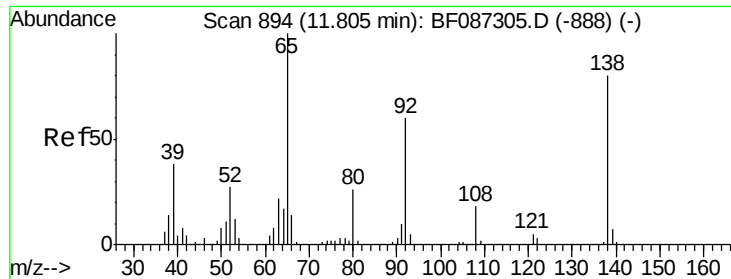
Tgt Ion:154 Resp: 724388
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.3 60.3
 76 13.0 0.0 30.2



#46
 2-Chloronaphthalene
 Concen: 43.35 ng
 RT: 11.50 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion:162 Resp: 543386
 Ion Ratio Lower Upper
 162 100
 127 42.7 31.8 47.6
 164 32.3 27.0 40.6

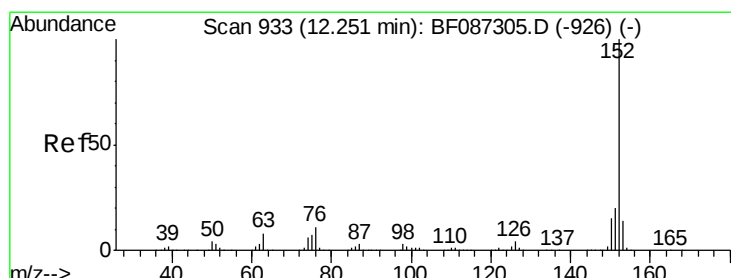
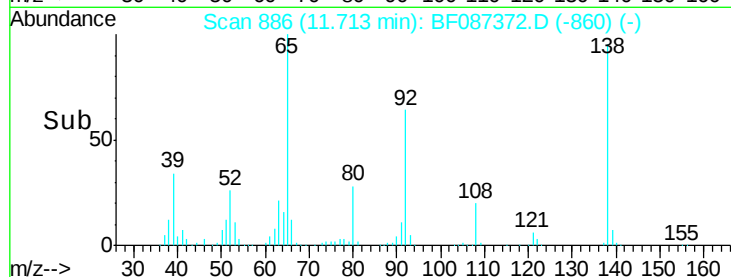
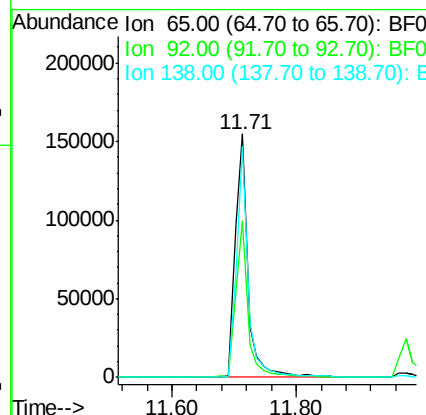
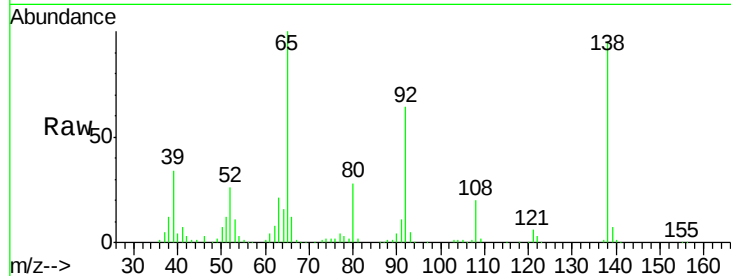




#47
 2-Nitroaniline
 Concen: 49.62 ng
 RT: 11.71 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

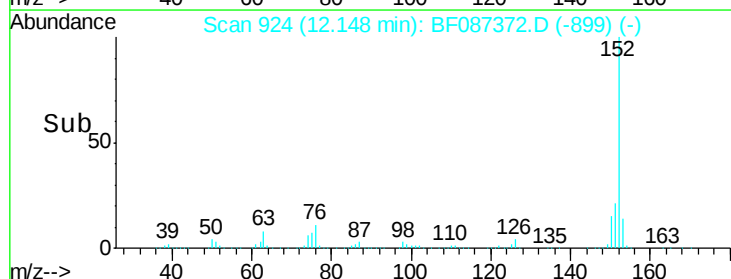
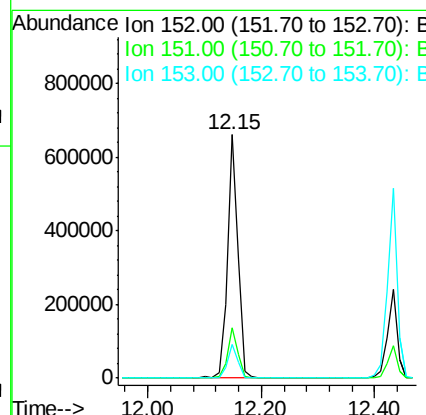
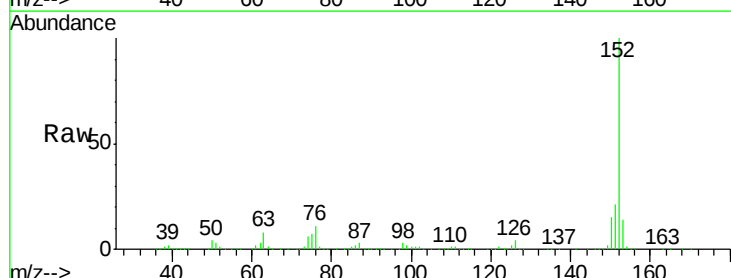
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

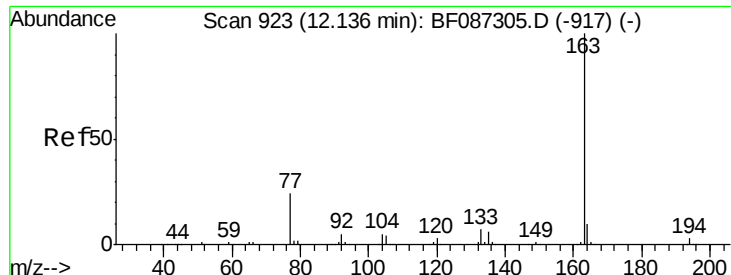
Tgt Ion: 65 Resp: 224057
 Ion Ratio Lower Upper
 65 100
 92 64.1 57.4 86.2
 138 94.8 90.1 135.1



#48
 Acenaphthylene
 Concen: 42.87 ng
 RT: 12.15 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion: 152 Resp: 850599
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 14.0 10.9 16.3

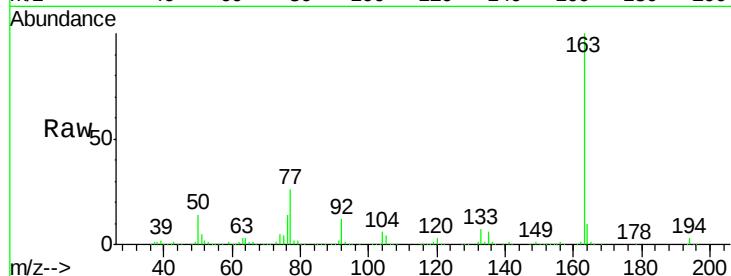




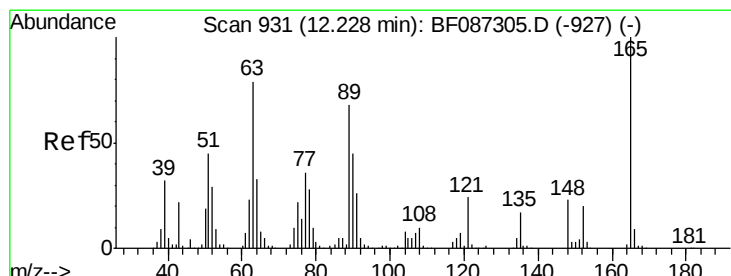
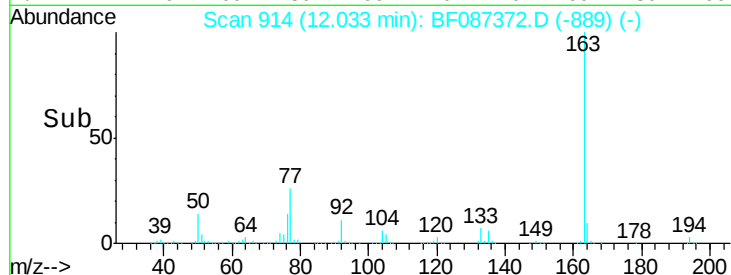
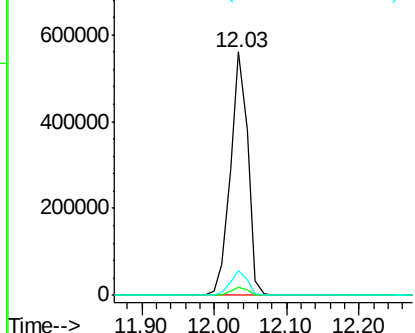
#49
Dimethylphthalate
Concen: 59.62 ng
RT: 12.03 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

Tgt Ion:163 Resp: 929330
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.3 8.2 12.4

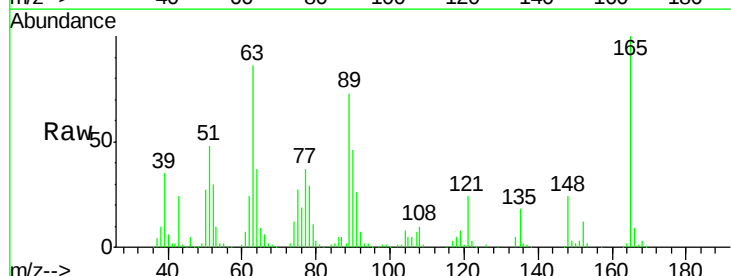


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

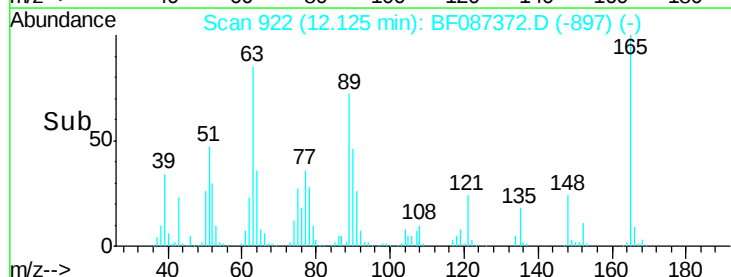
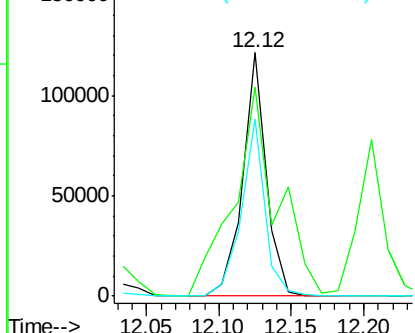


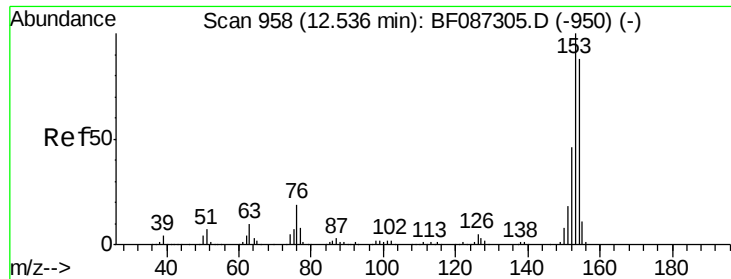
#50
2,6-Dinitrotoluene
Concen: 43.71 ng
RT: 12.12 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion:165 Resp: 137289
Ion Ratio Lower Upper
165 100
63 85.7 51.8 77.8#
89 72.7 50.7 76.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.19 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

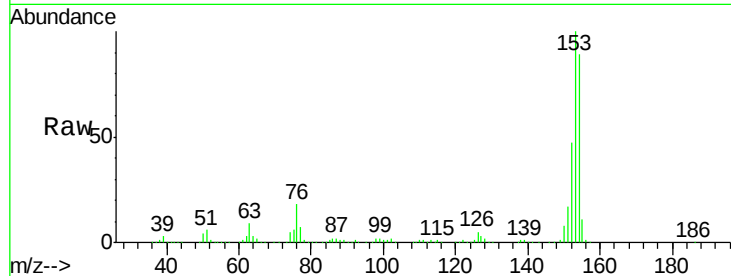
Tgt Ion:154 Resp: 551134

Ion Ratio Lower Upper

154 100

153 112.4 89.8 134.6

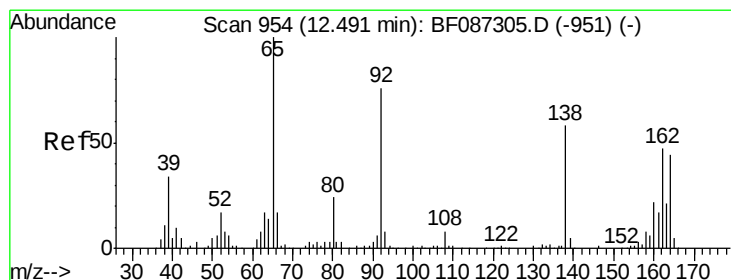
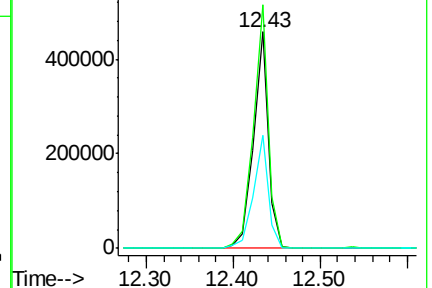
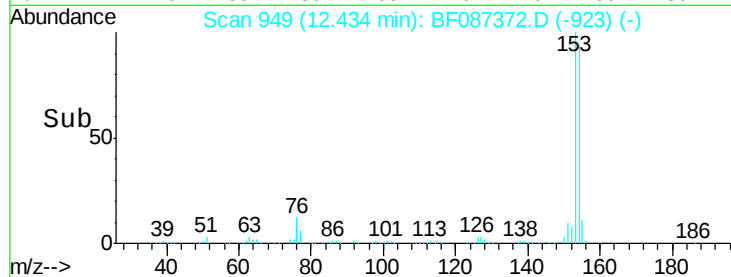
152 52.3 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.33 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

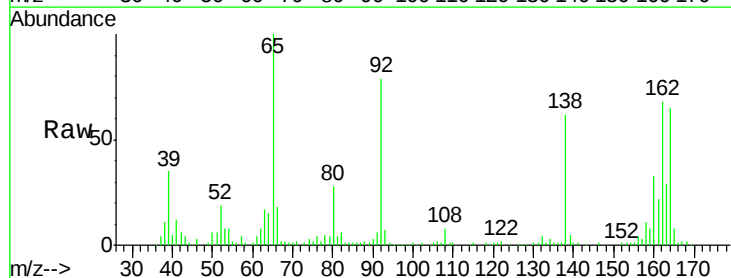
Tgt Ion:138 Resp: 107444

Ion Ratio Lower Upper

138 100

108 13.6 7.8 11.6#

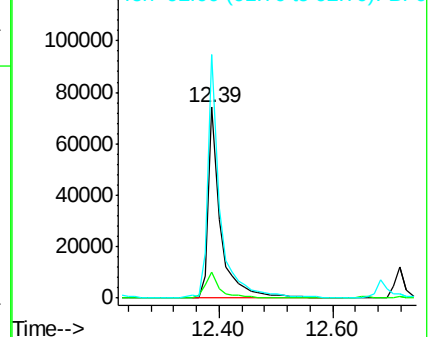
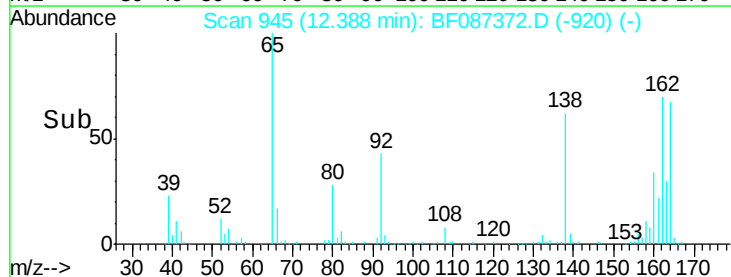
92 127.7 87.8 131.8

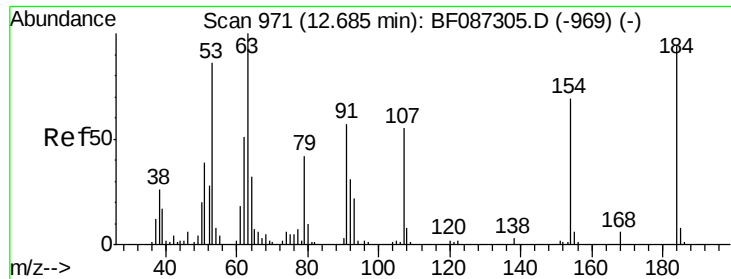


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

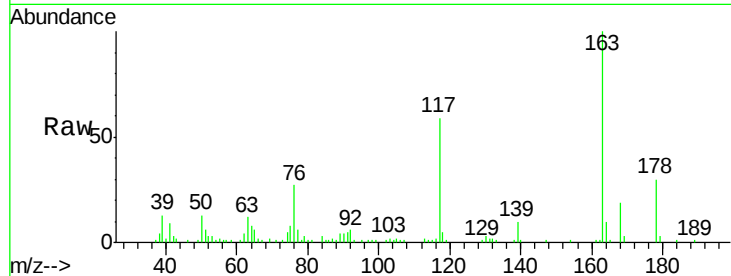




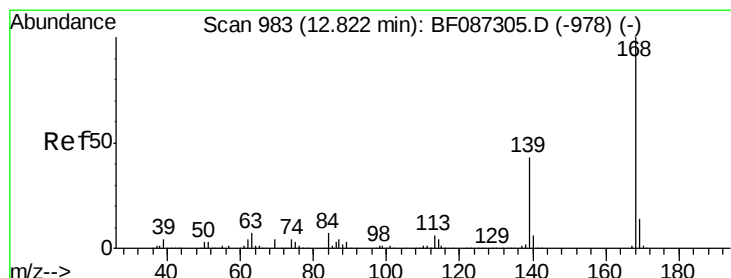
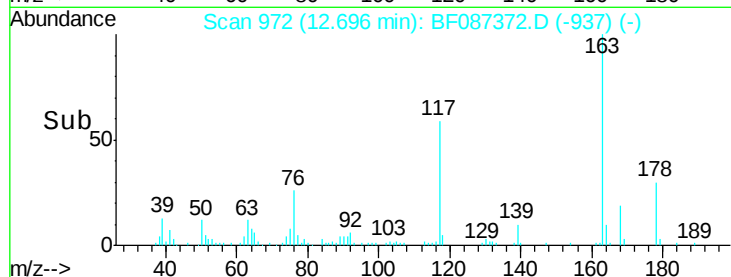
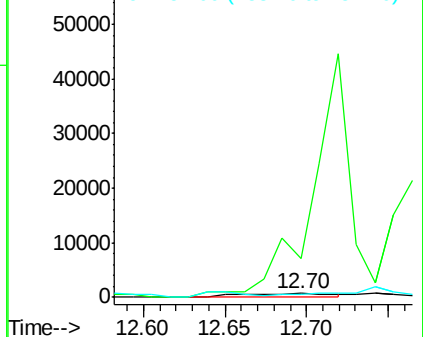
#53
2,4-Dinitrophenol
Concen: 8.12 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.10 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

Tgt Ion:184 Resp: 2759
Ion Ratio Lower Upper
184 100
63 1020.5 55.8 83.8#
154 86.4 62.4 93.6

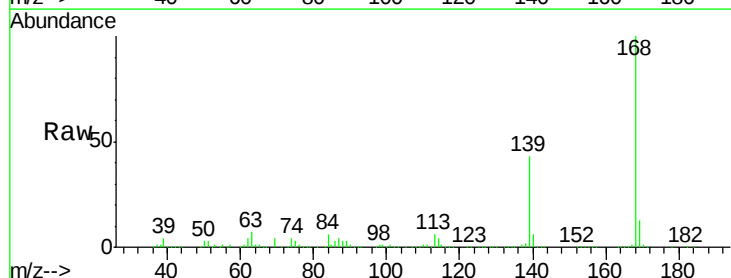


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

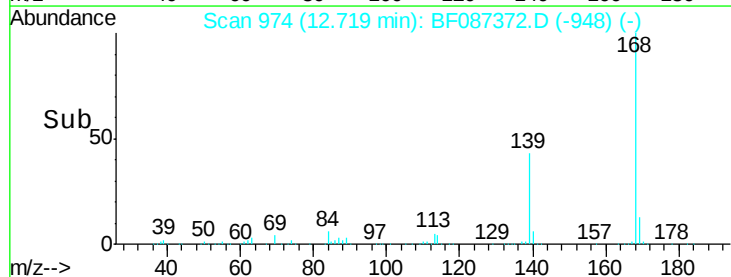
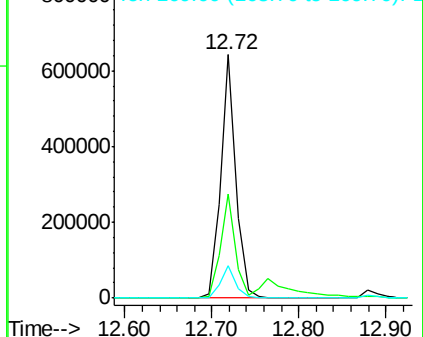


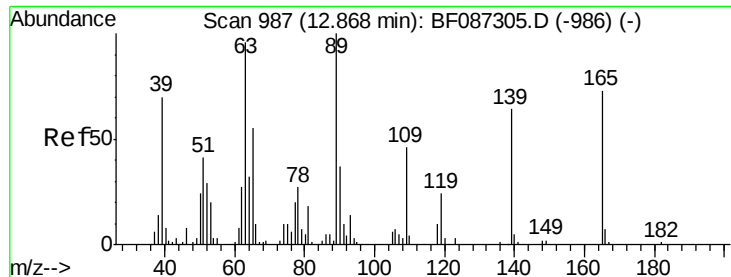
#54
Dibenzofuran
Concen: 47.56 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion:168 Resp: 785368
Ion Ratio Lower Upper
168 100
139 42.9 31.4 47.0
169 13.4 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 78.44 ng

RT: 12.76 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

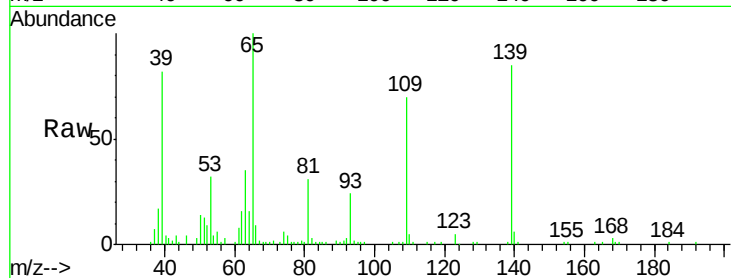
Tgt Ion:139 Resp: 120620

Ion Ratio Lower Upper

139 100

109 82.0 36.9 76.9#

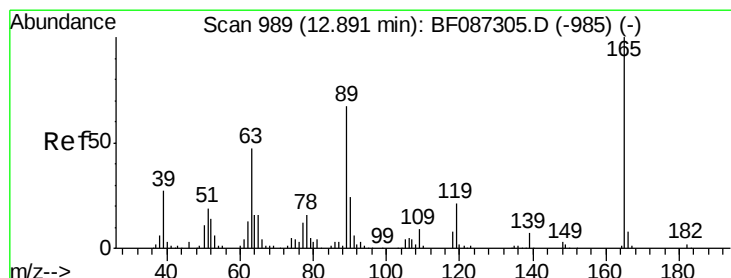
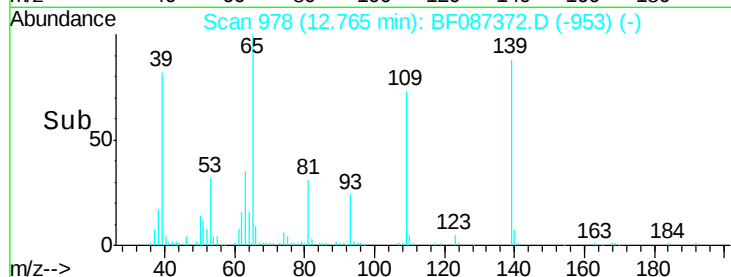
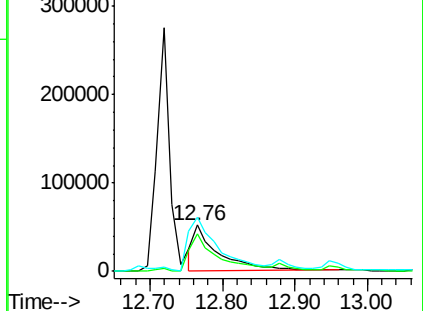
65 117.3 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.42 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion:165 Resp: 190653

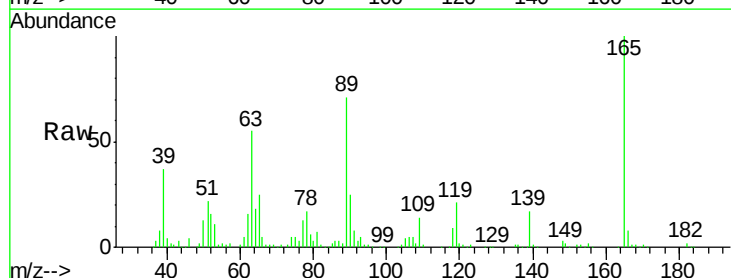
Ion Ratio Lower Upper

165 100

63 54.5 44.3 66.5

89 71.2 70.0 105.0

182 2.4 1.8 2.6

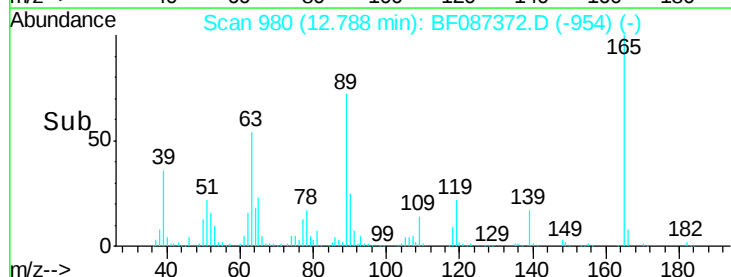
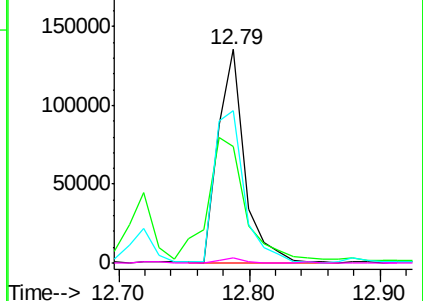


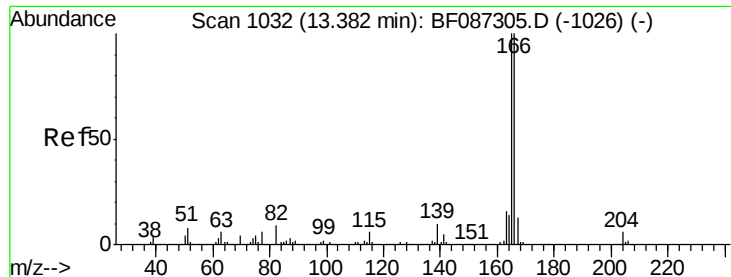
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.15 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

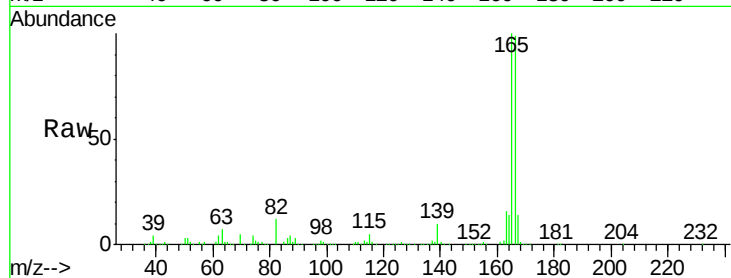
Tgt Ion:166 Resp: 646493

Ion Ratio Lower Upper

166 100

165 101.0 79.0 118.6

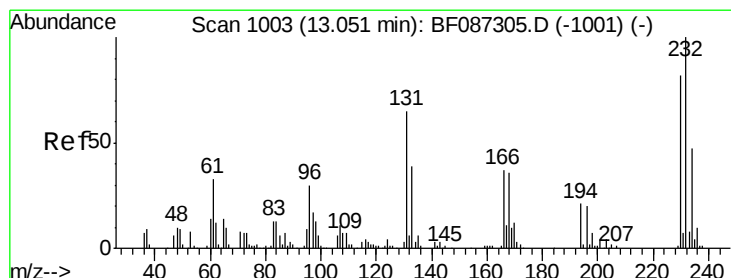
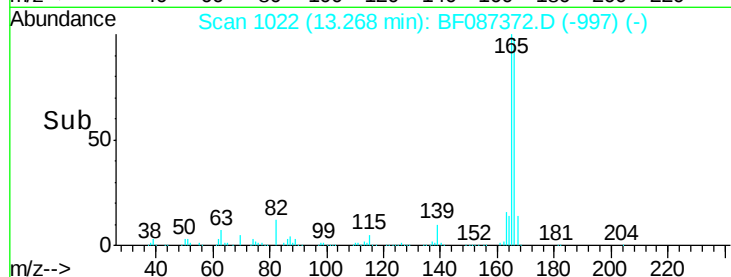
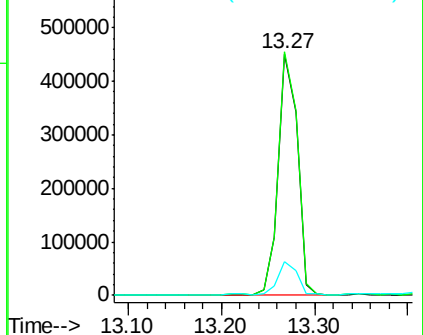
167 13.9 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.34 ng

RT: 12.96 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion:232 Resp: 127697

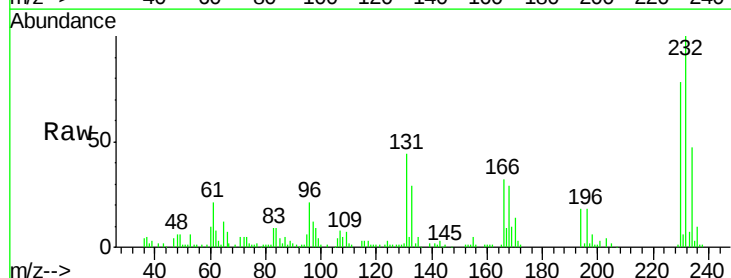
Ion Ratio Lower Upper

232 100

131 53.8 41.9 62.9

130 3.3 2.2 3.4

166 35.5 26.8 40.2

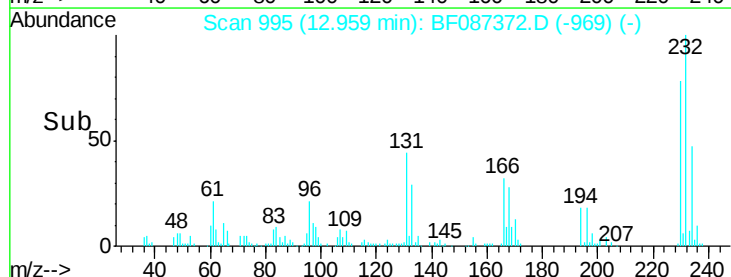
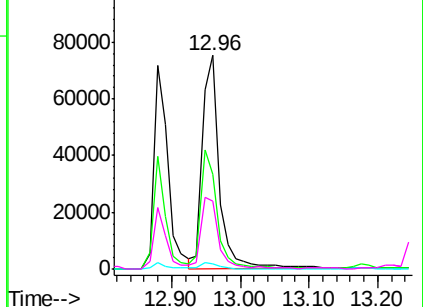


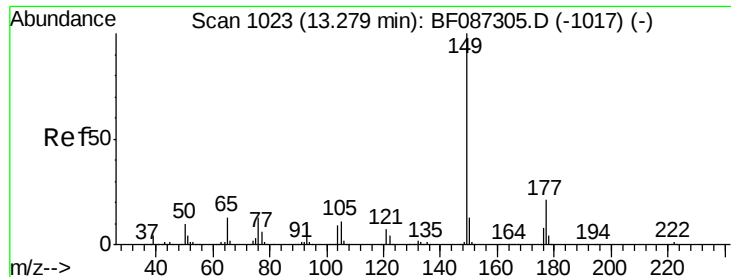
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

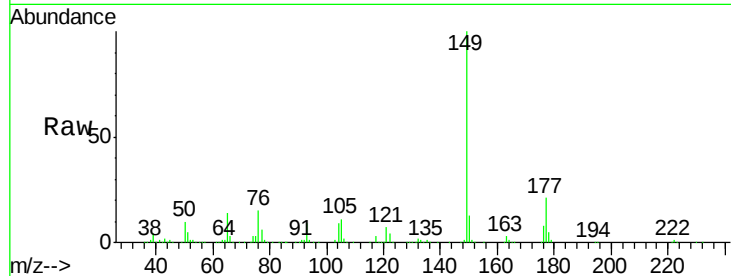




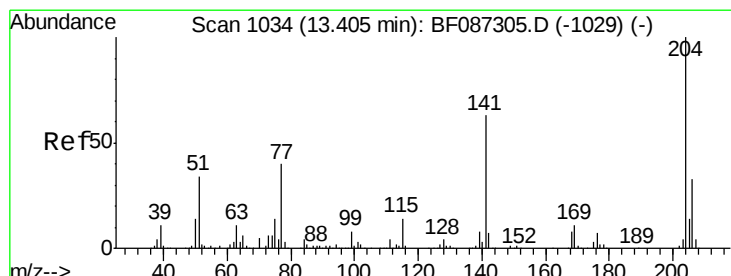
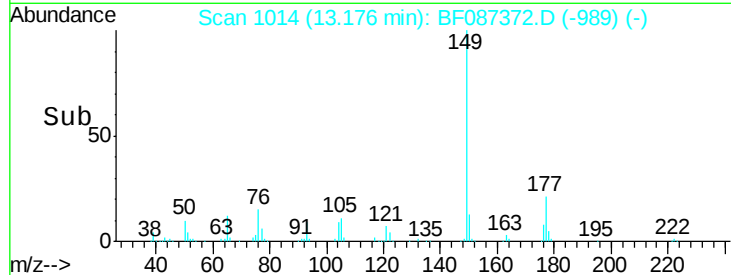
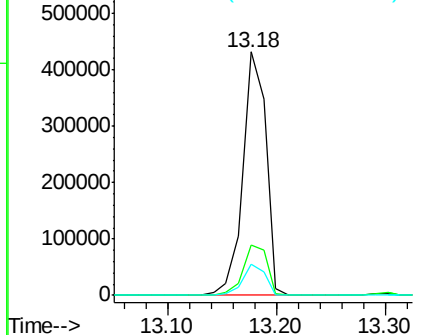
#59
Diethylphthalate
Concen: 41.88 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

Tgt Ion:149 Resp: 634642
Ion Ratio Lower Upper
149 100
177 20.9 16.6 24.8
150 12.9 10.0 15.0

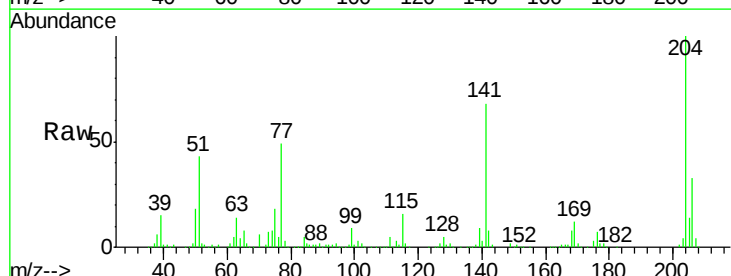


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

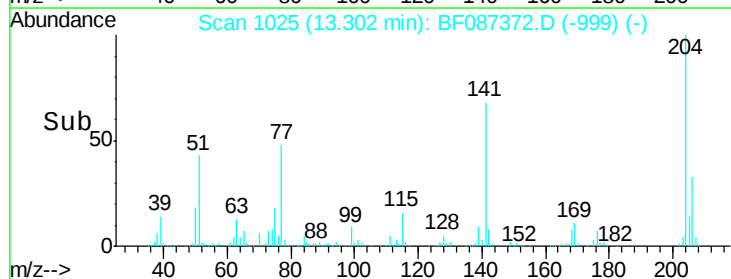
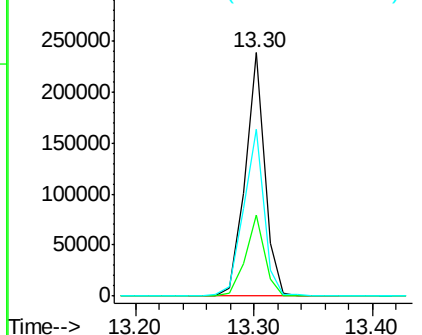


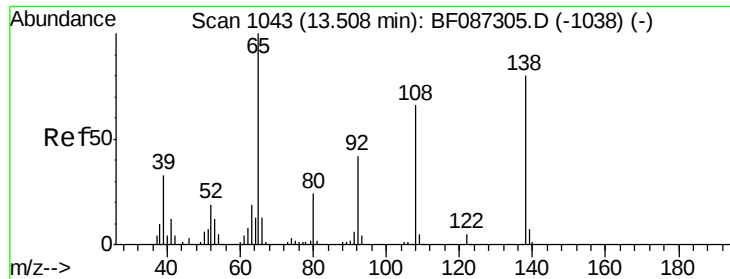
#60
4-Chlorophenyl-phenylether
Concen: 39.53 ng
RT: 13.30 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion:204 Resp: 275994
Ion Ratio Lower Upper
204 100
206 33.2 25.4 38.0
141 68.3 61.6 92.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

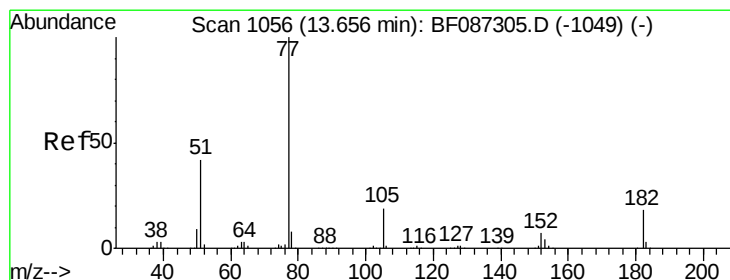
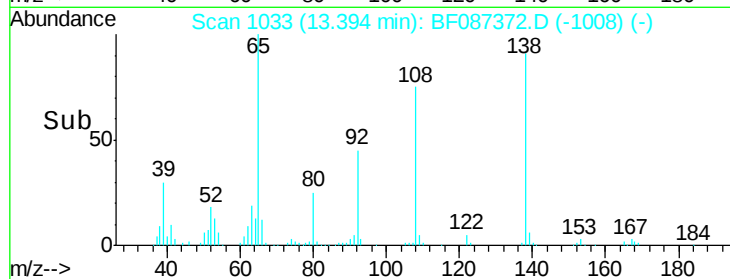
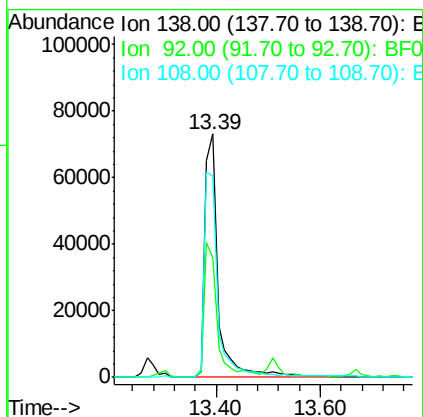
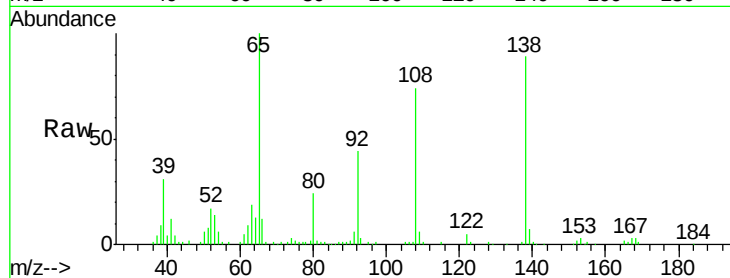




#61
4-Nitroaniline
Concen: 42.98 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

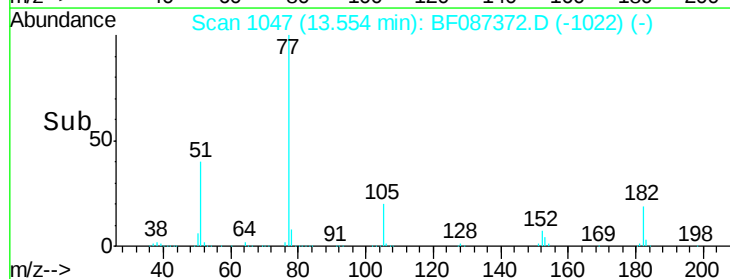
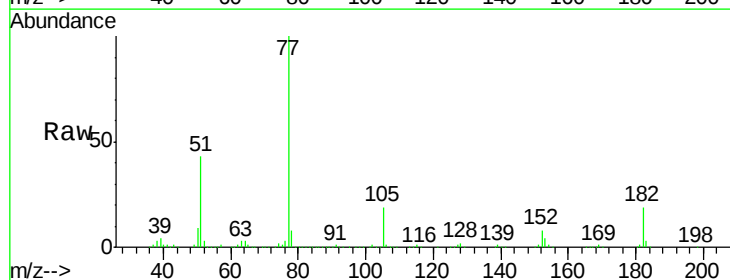
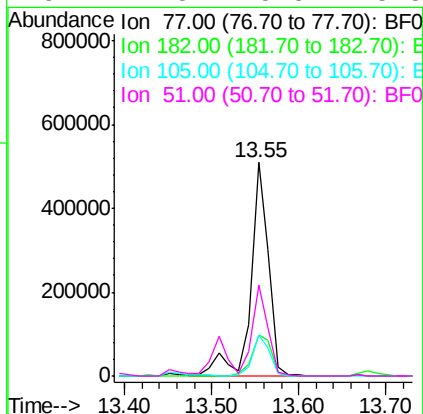
Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

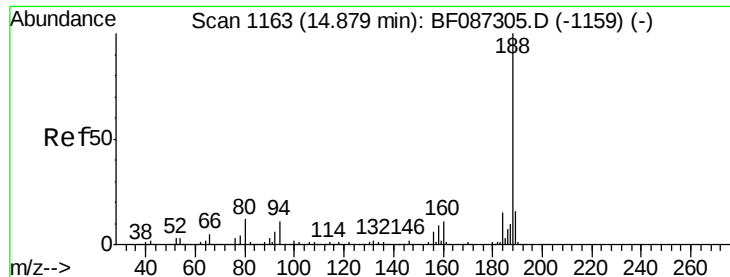
Tgt Ion: 138 Resp: 129308
Ion Ratio Lower Upper
138 100
92 49.3 24.7 64.7
108 83.0 37.4 77.4#



#62
Azobenzene
Concen: 46.41 ng
RT: 13.55 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion: 77 Resp: 729709
Ion Ratio Lower Upper
77 100
182 19.3 0.0 38.8
105 19.4 3.2 43.2
51 42.8 8.8 48.8

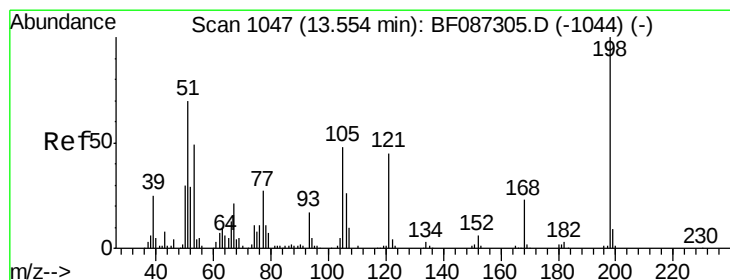
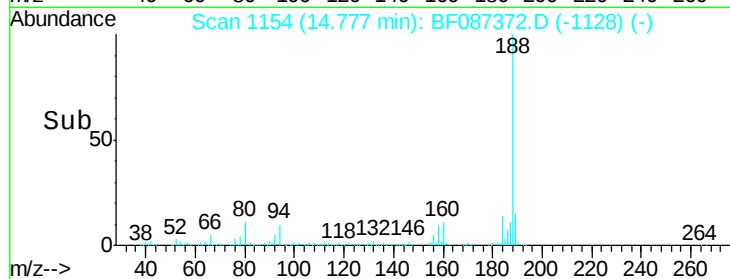
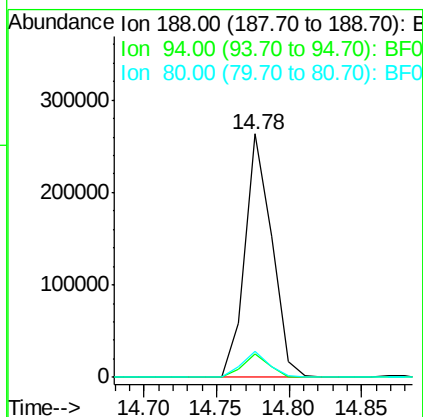
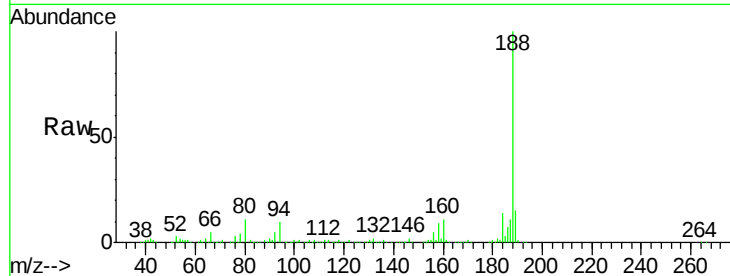




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

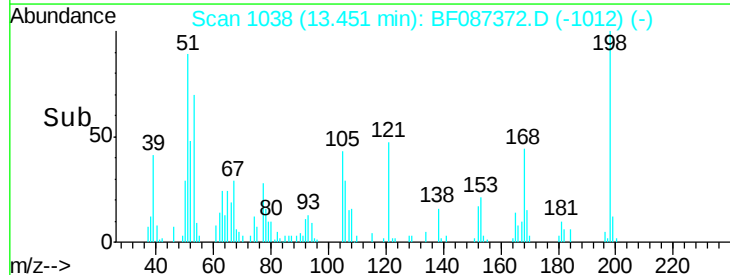
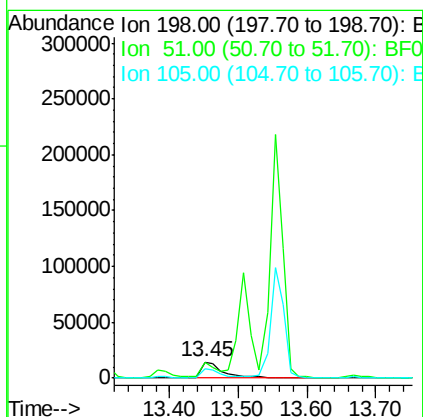
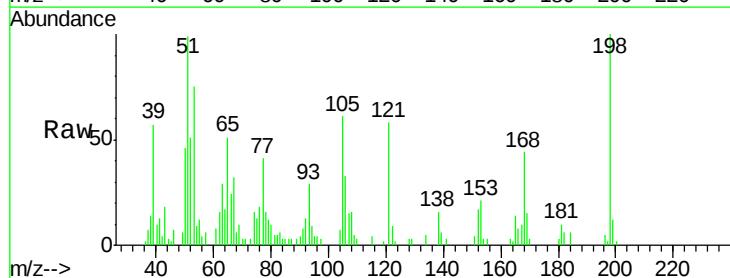
Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

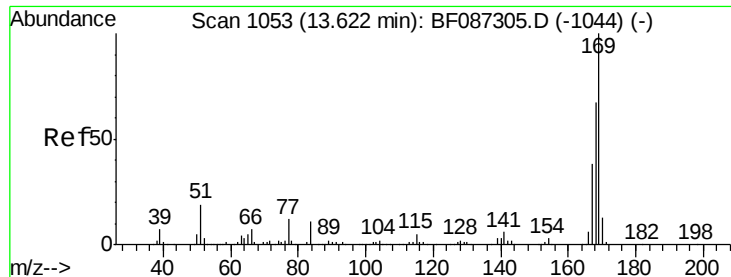
Tgt Ion:188 Resp: 339604
Ion Ratio Lower Upper
188 100
94 9.9 6.8 10.2
80 10.8 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 15.47 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion:198 Resp: 33412
Ion Ratio Lower Upper
198 100
51 99.3 20.5 60.5#
105 61.2 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 46.87 ng

RT: 13.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

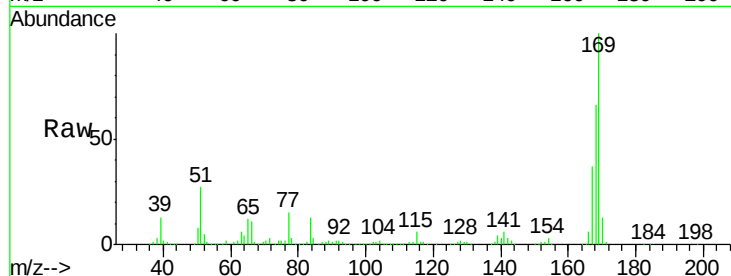
Tgt Ion:169 Resp: 514769

Ion Ratio Lower Upper

169 100

168 66.2 53.8 80.6

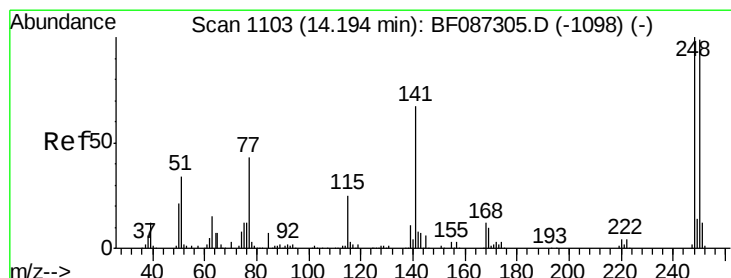
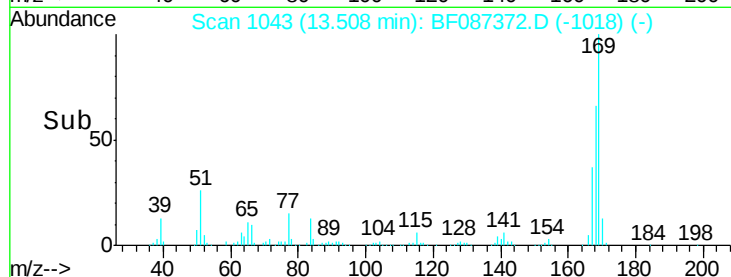
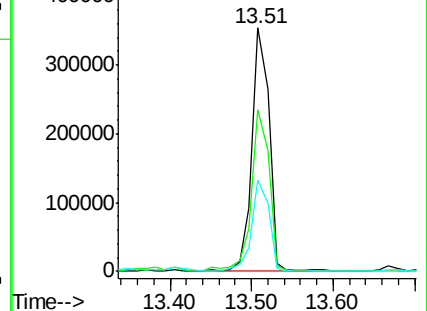
167 37.5 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.48 ng

RT: 14.09 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

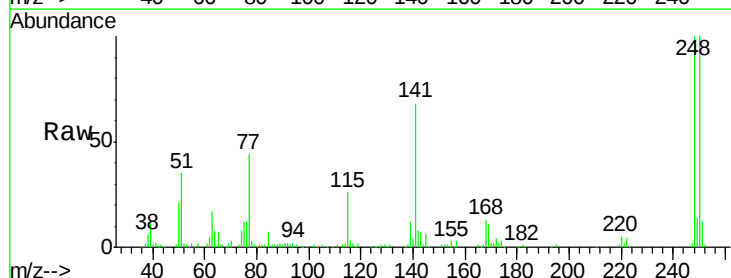
Tgt Ion:248 Resp: 157834

Ion Ratio Lower Upper

248 100

250 100.4 78.6 117.8

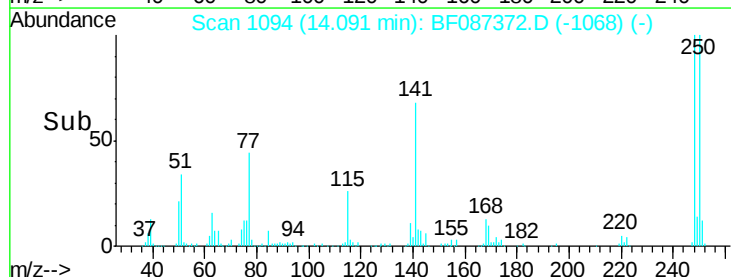
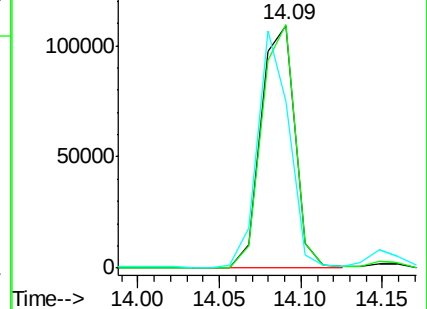
141 68.7 76.0 114.0#

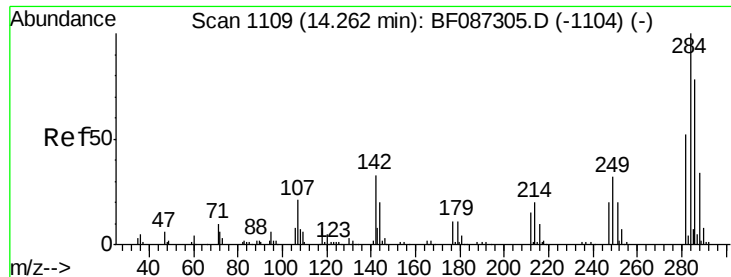


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.44 ng

RT: 14.16 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

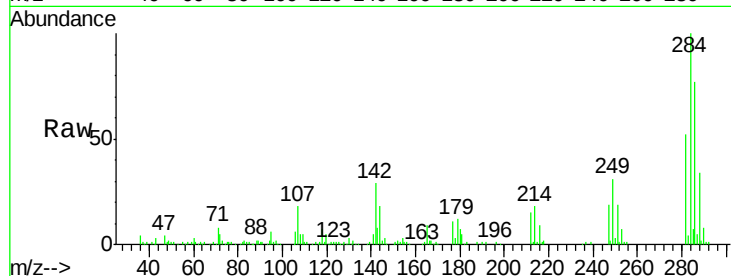
Tgt Ion:284 Resp: 161042

Ion Ratio Lower Upper

284 100

142 29.4 16.7 25.1#

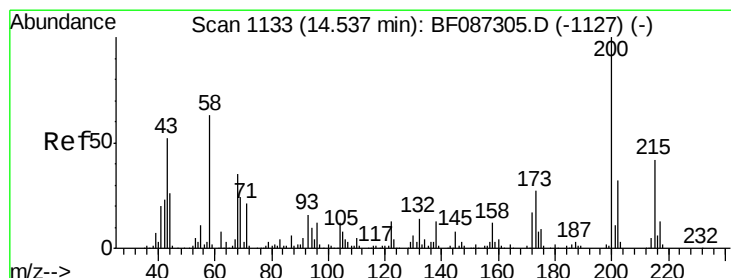
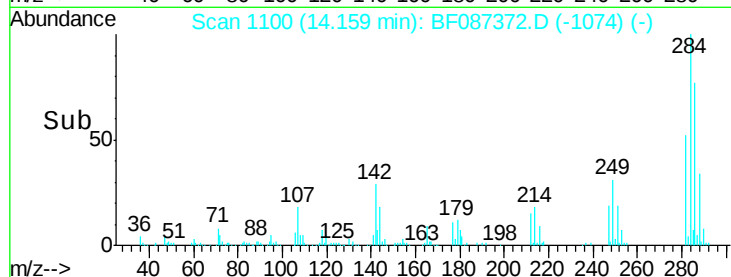
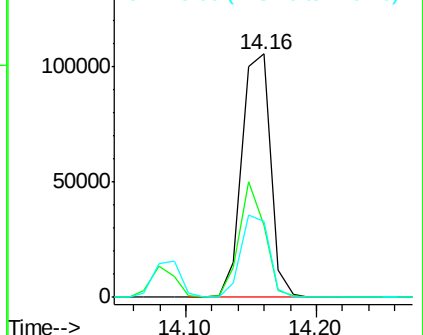
249 31.1 21.3 31.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.40 ng

RT: 14.43 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

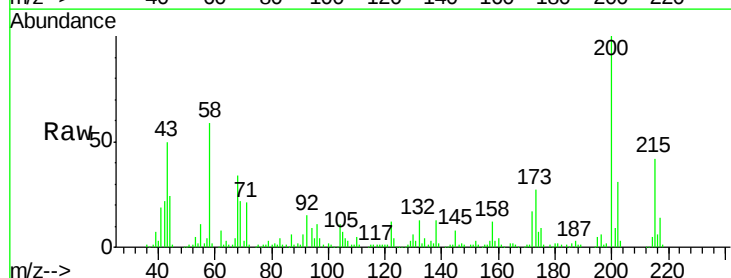
Tgt Ion:200 Resp: 165947

Ion Ratio Lower Upper

200 100

173 26.6 8.5 48.5

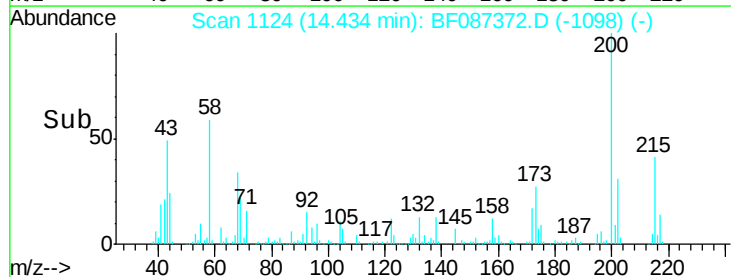
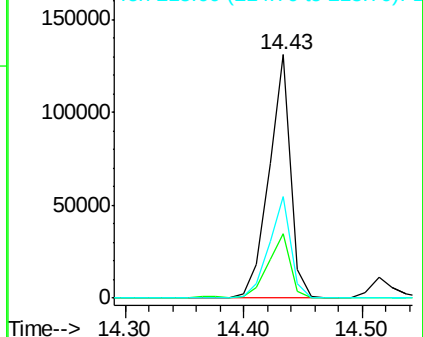
215 41.5 27.2 67.2

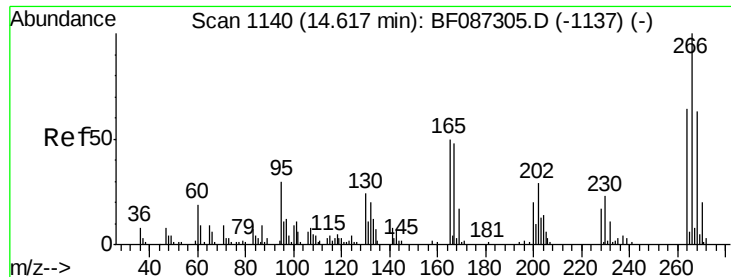


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

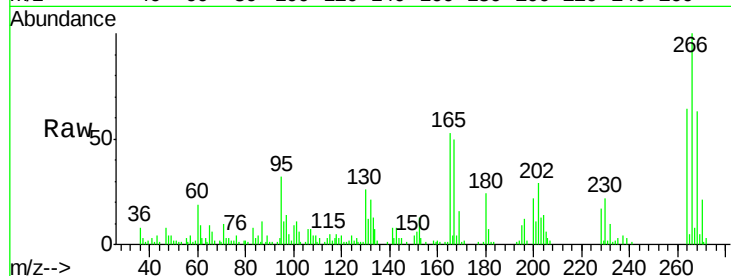




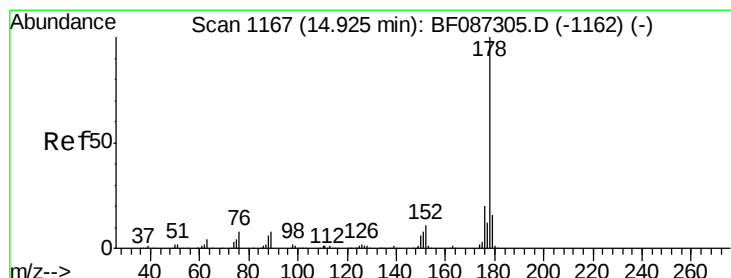
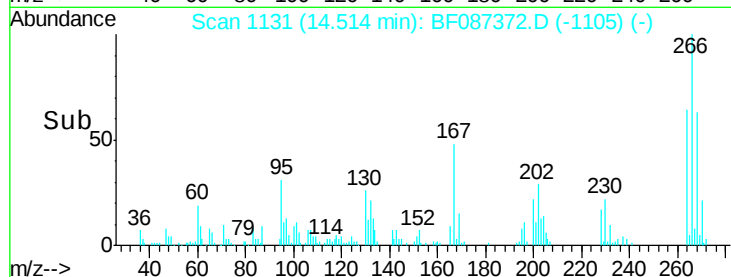
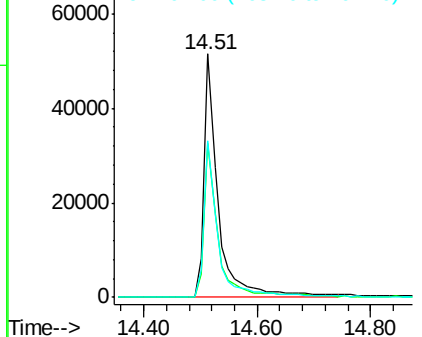
#69
 Pentachlorophenol
 Concen: 72.73 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

Tgt Ion:266 Resp: 87090
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.5 77.3
 264 64.2 52.9 79.3

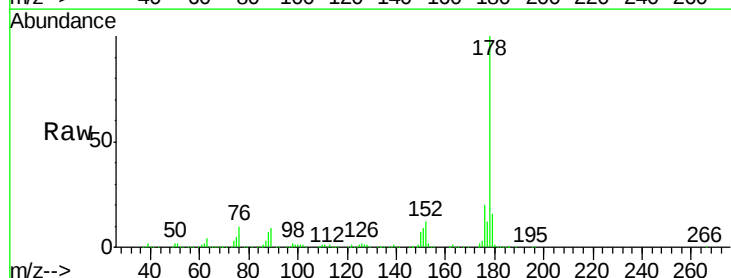


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

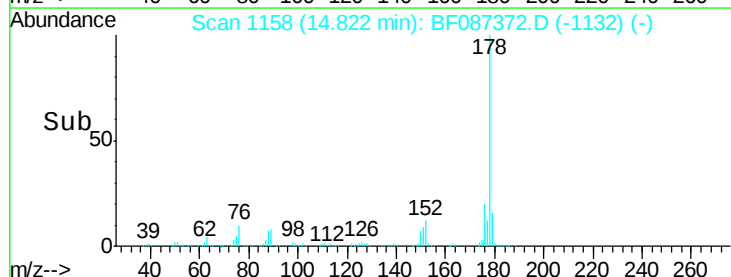
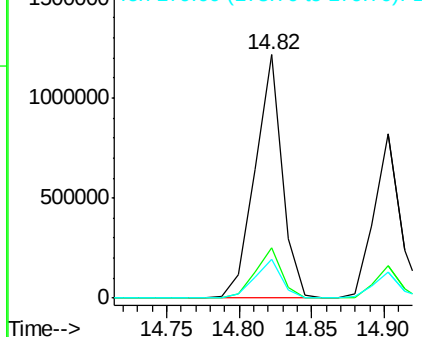


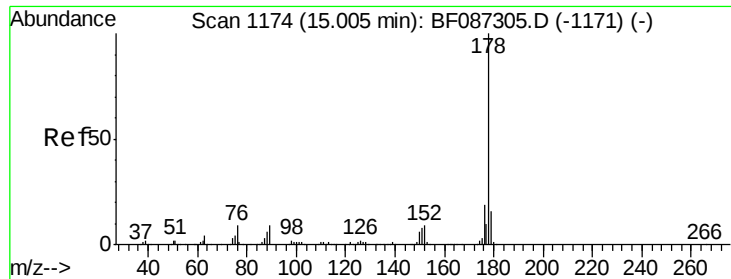
#70
 Phenanthrene
 Concen: 84.29 ng
 RT: 14.82 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion:178 Resp: 1585656
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 15.7 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

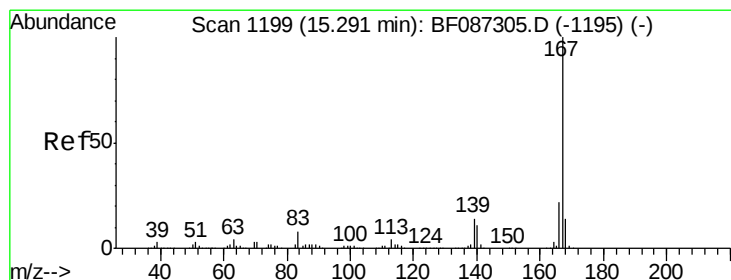
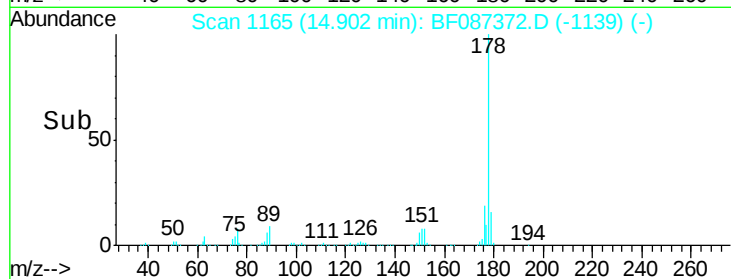
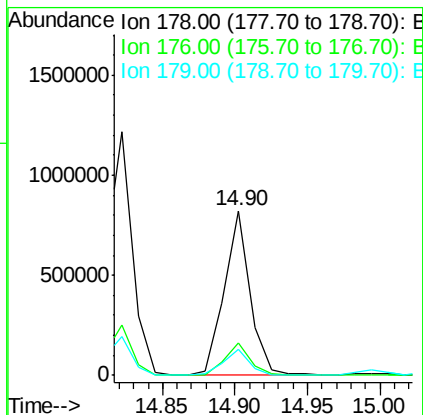
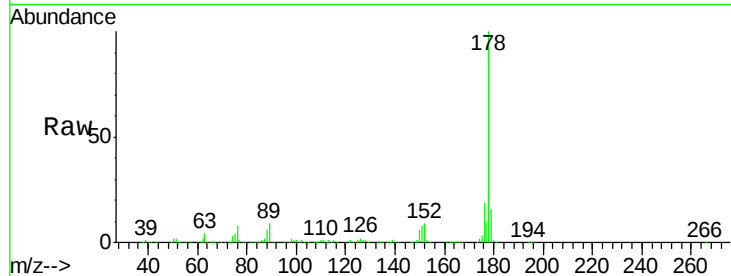




#71
 Anthracene
 Concen: 53.08 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

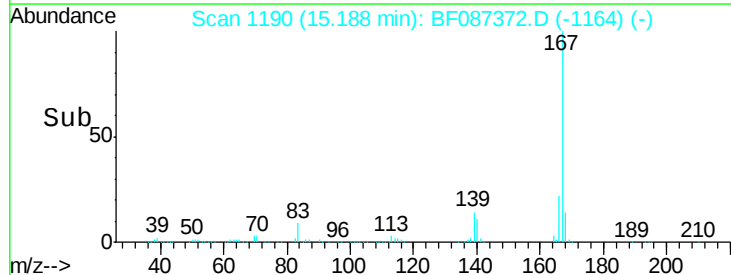
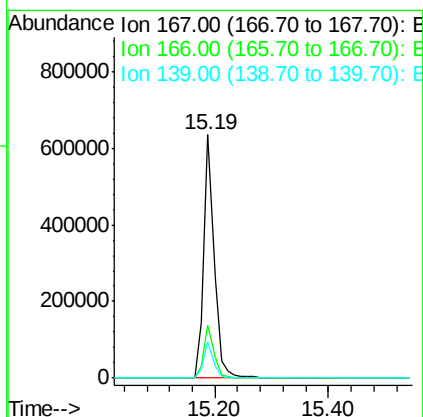
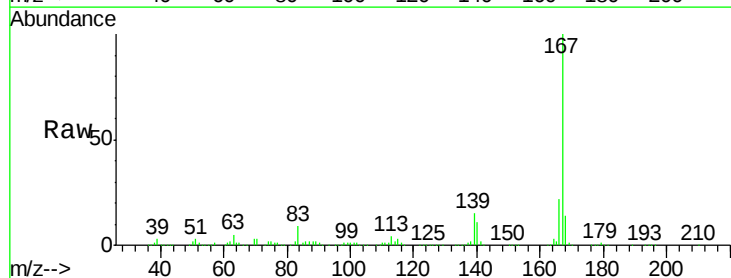
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

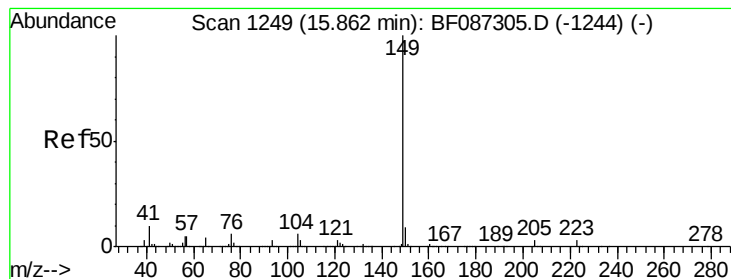
Tgt Ion:178 Resp: 1008726
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 48.31 ng
 RT: 15.19 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion:167 Resp: 782955
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 14.7 10.8 16.2





#73

Di-n-butylphthalate

Concen: 41.33 ng

RT: 15.77 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

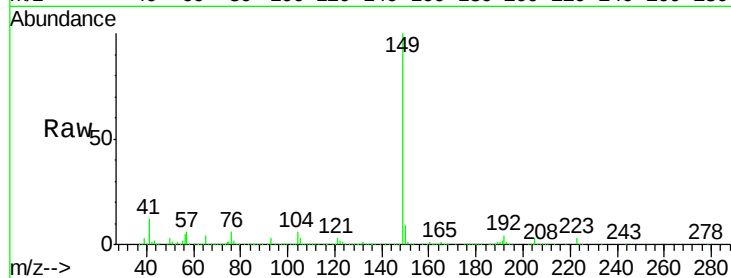
Tgt Ion:149 Resp: 866298

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

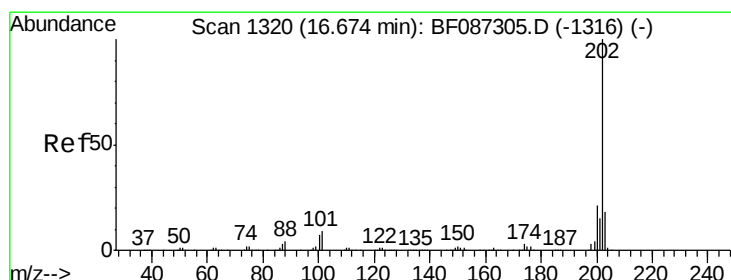
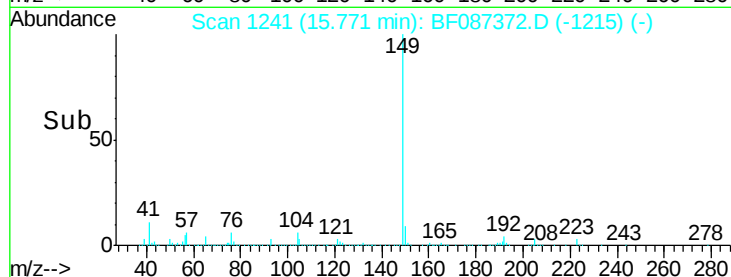
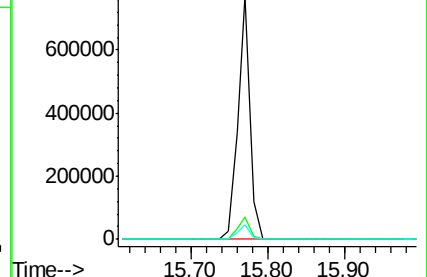
104 5.7 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 88.67 ng

RT: 16.58 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

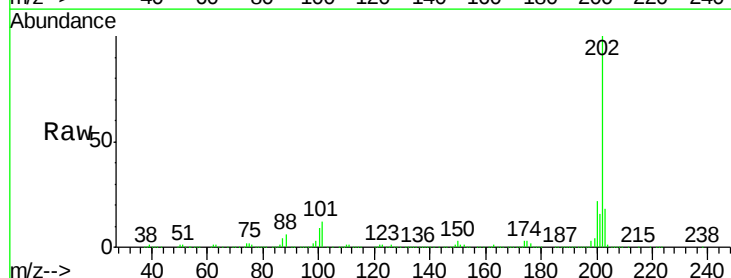
Tgt Ion:202 Resp: 1672674

Ion Ratio Lower Upper

202 100

101 11.6 0.0 35.4

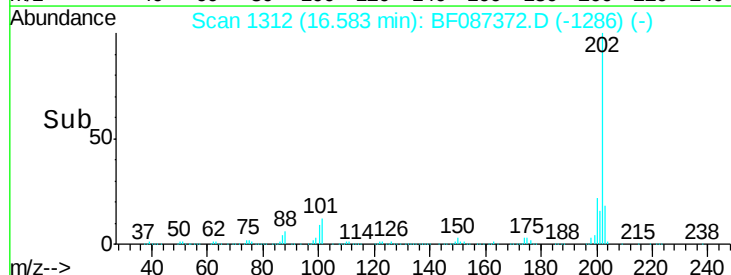
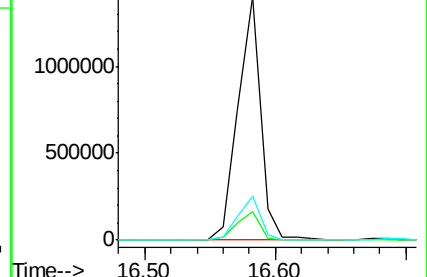
203 18.2 0.0 38.1

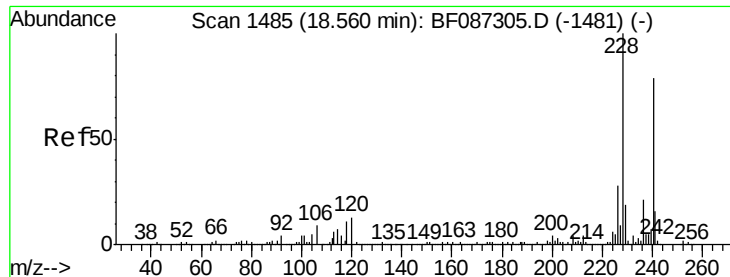


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

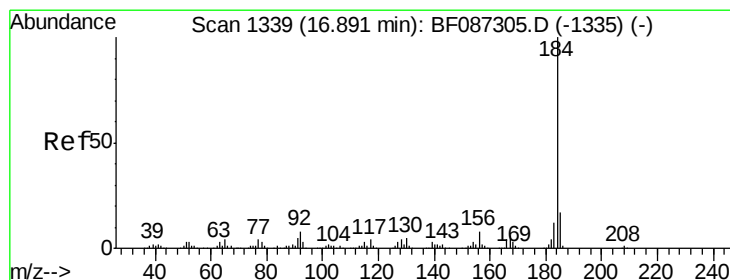
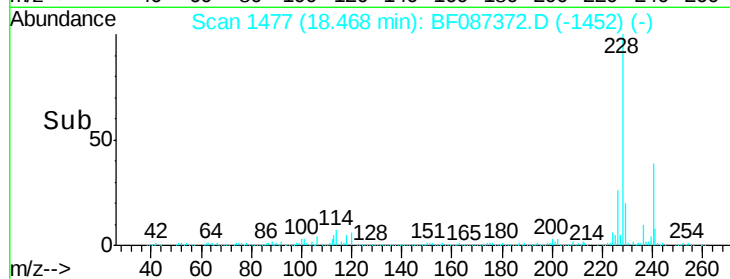
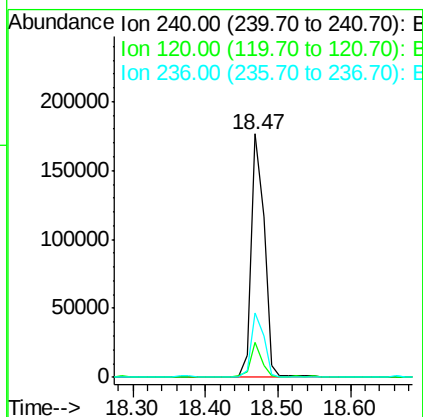
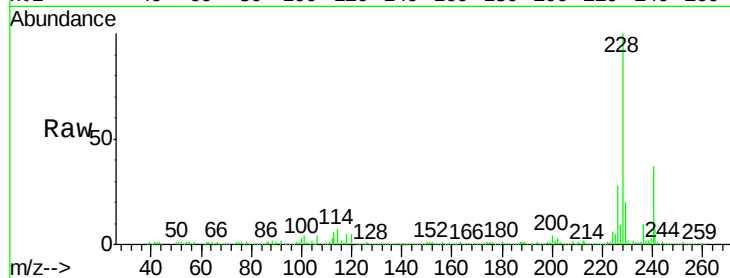




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

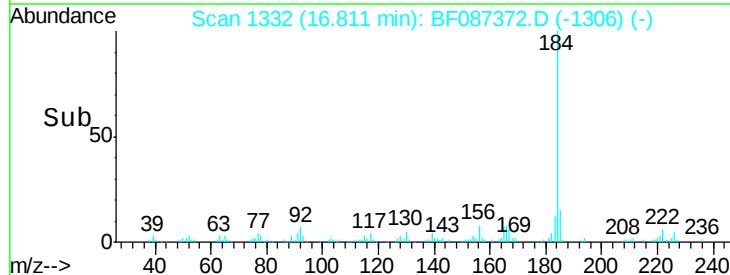
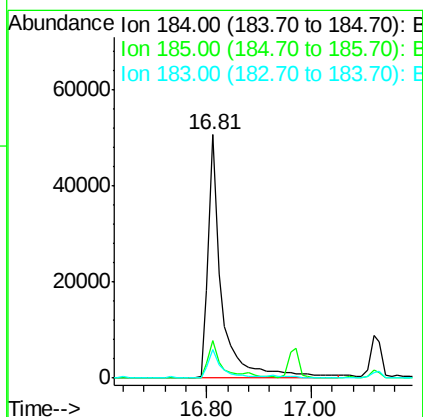
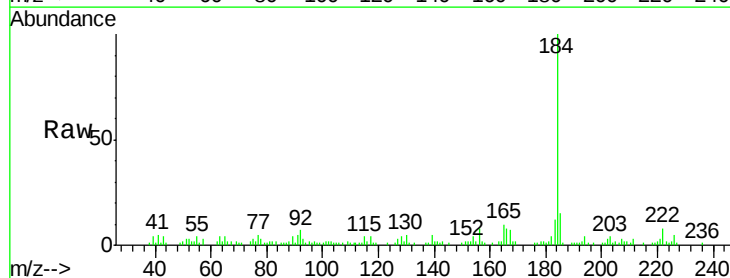
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

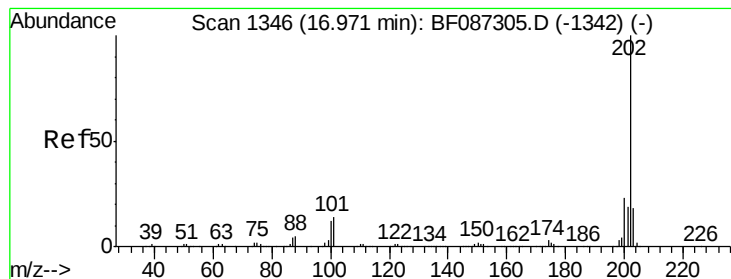
Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	11.2	16.8
236	26.6	21.2	31.8



#76
 Benzidine
 Concen: 15.88 ng
 RT: 16.81 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.6	20.4
183	11.9	9.8	14.6





#77

Pyrene

Concen: 89.63 ng

RT: 16.88 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

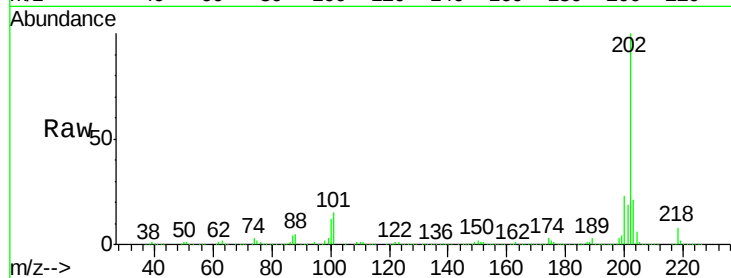
Tgt Ion:202 Resp: 1453265

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

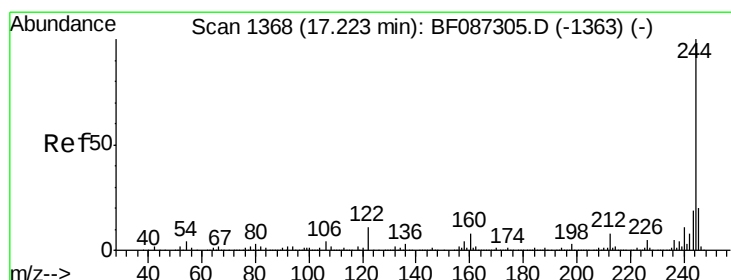
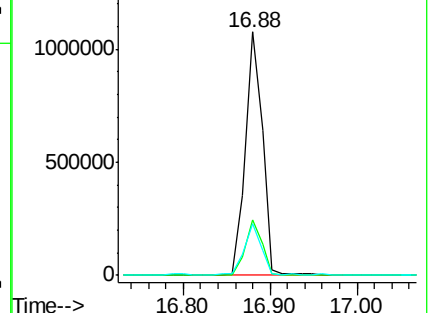
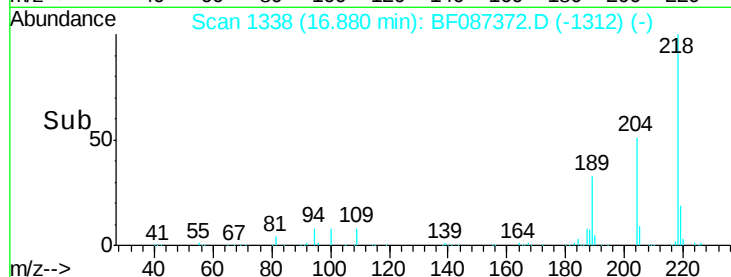
203 21.3 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.43 ng

RT: 17.13 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

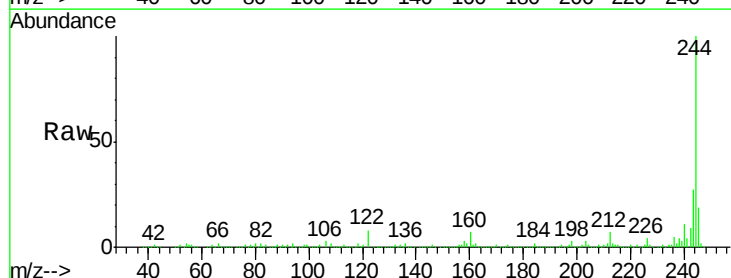
Tgt Ion:244 Resp: 693248

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

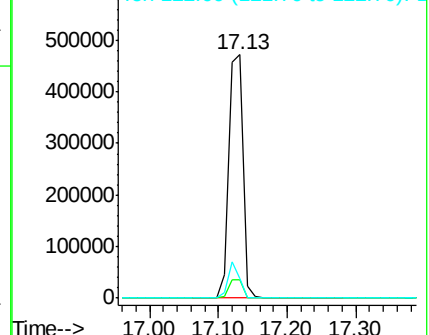
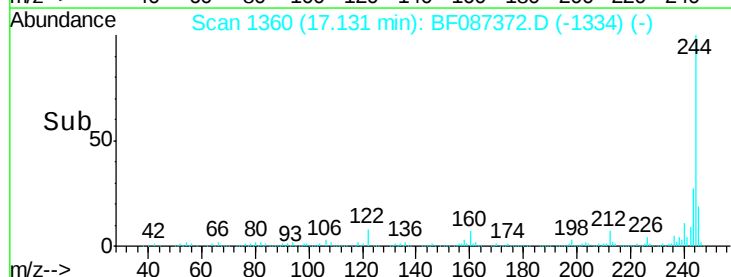
122 7.9 12.0 18.0#

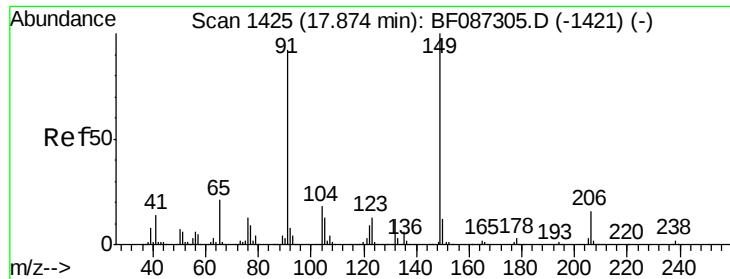


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

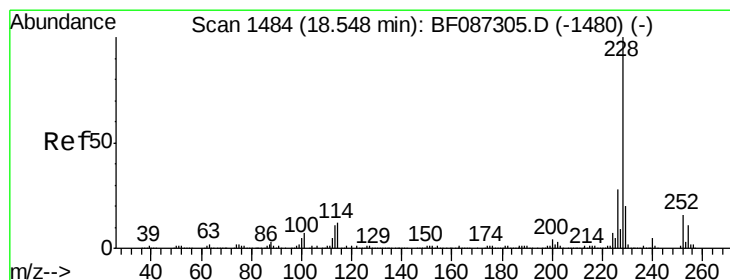
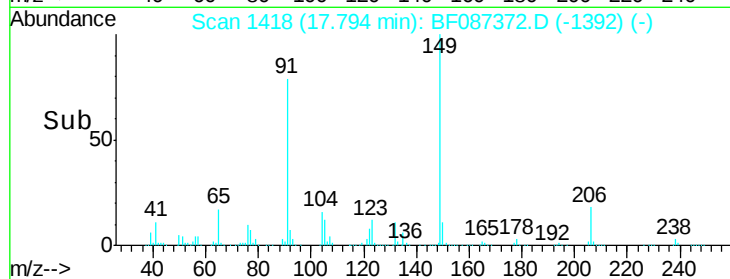
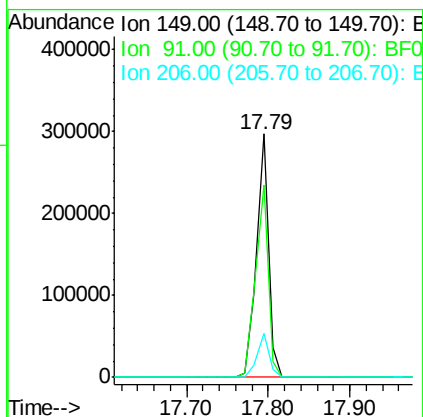
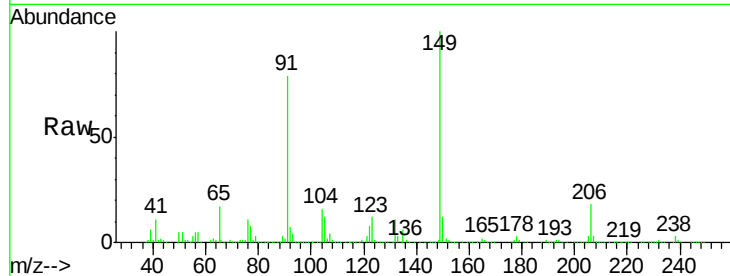




#79
Butylbenzylphthalate
Concen: 42.56 ng
RT: 17.79 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

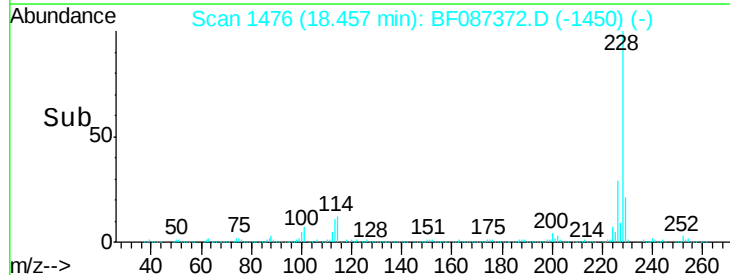
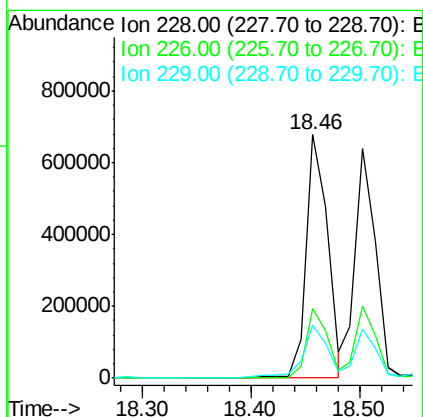
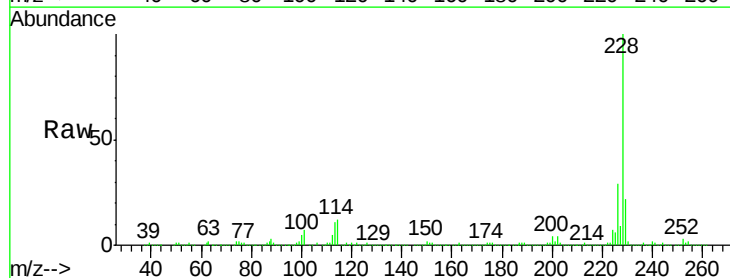
Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

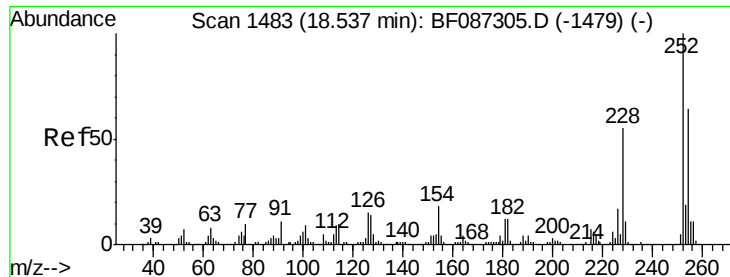
Tgt Ion:149 Resp: 305993
Ion Ratio Lower Upper
149 100
91 79.2 48.0 72.0#
206 18.0 15.8 23.6



#80
Benzo(a)anthracene
Concen: 72.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion:228 Resp: 922569
Ion Ratio Lower Upper
228 100
226 28.7 22.5 33.7
229 21.7 16.6 25.0

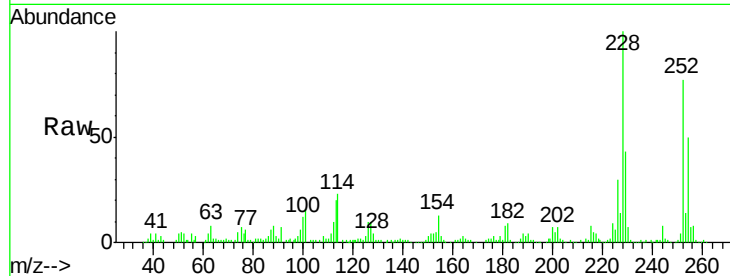




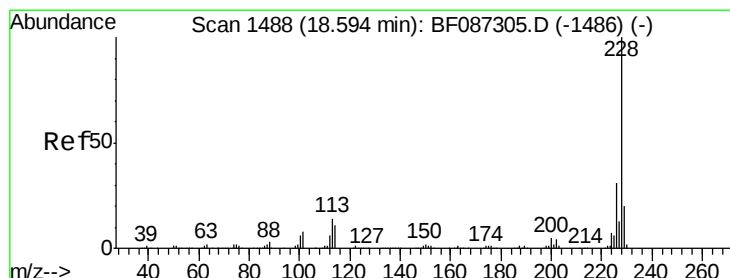
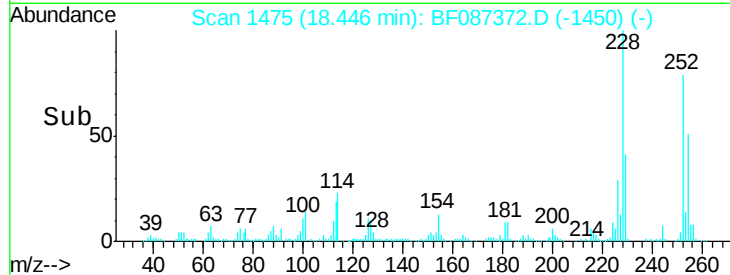
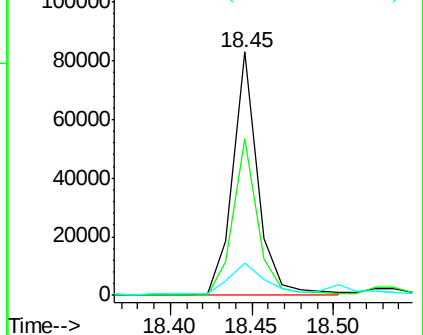
#81
 3,3'-Dichlorobenzidine
 Concen: 12.50 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

Tgt Ion: 252 Resp: 88485
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.7 76.1
 126 13.5 12.7 19.1

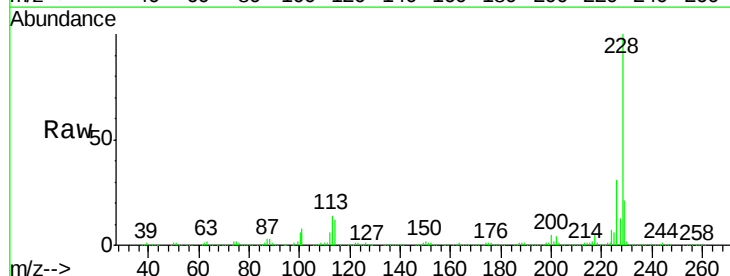


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

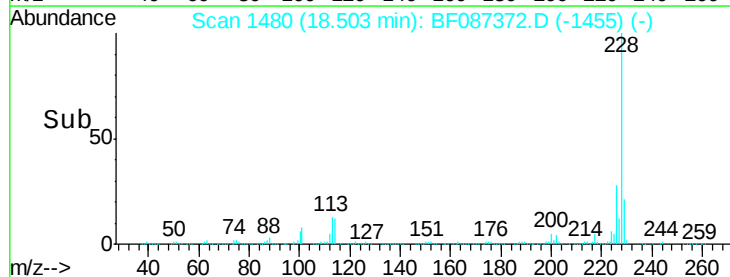
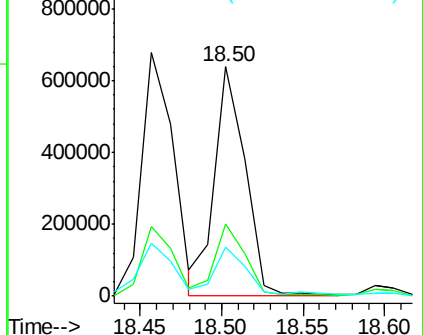


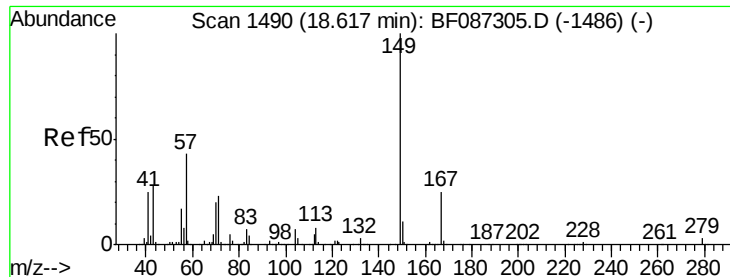
#82
 Chrysene
 Concen: 65.52 ng
 RT: 18.50 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion: 228 Resp: 833105
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.4 36.6
 229 21.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.98 ng

RT: 18.54 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

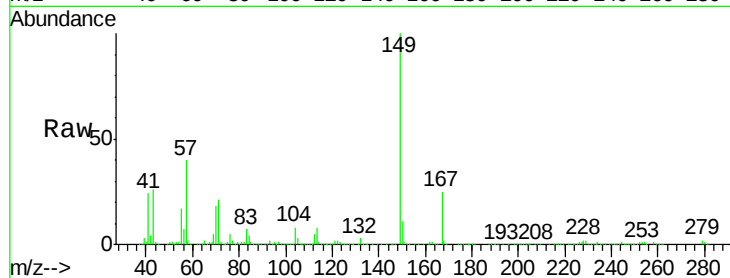
Tgt Ion:149 Resp: 398515

Ion Ratio Lower Upper

149 100

167 24.7 21.8 32.6

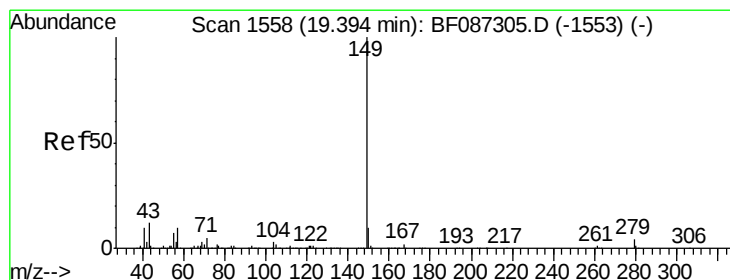
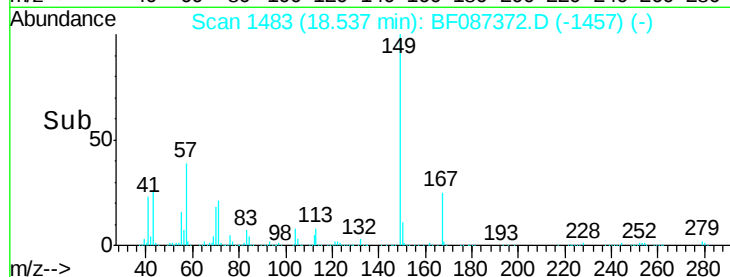
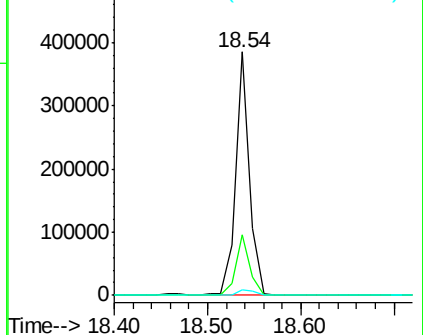
279 2.5 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.75 ng

RT: 19.31 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

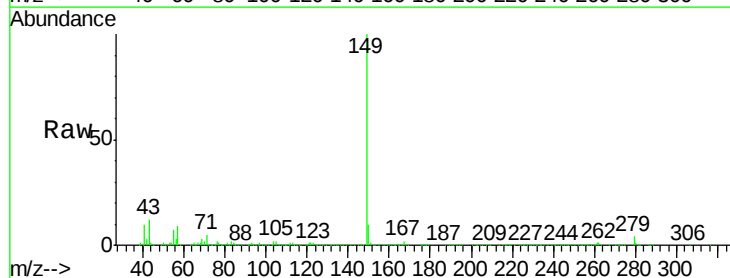
Tgt Ion:149 Resp: 652083

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

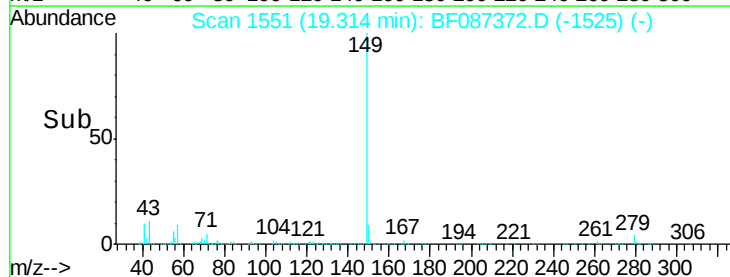
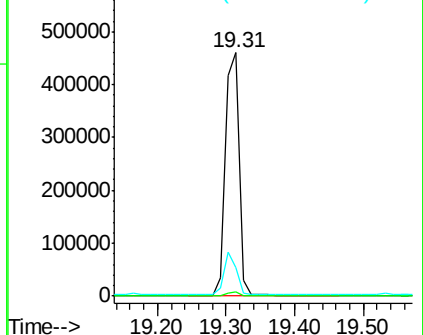
43 15.8 8.2 12.4#

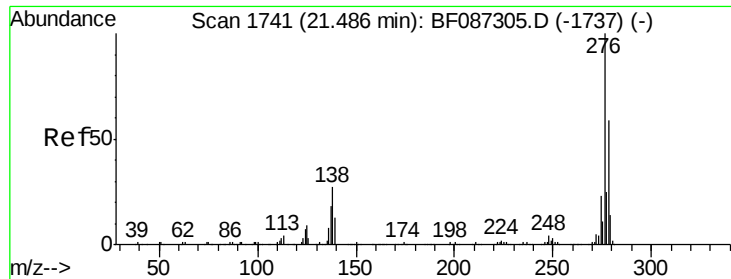


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

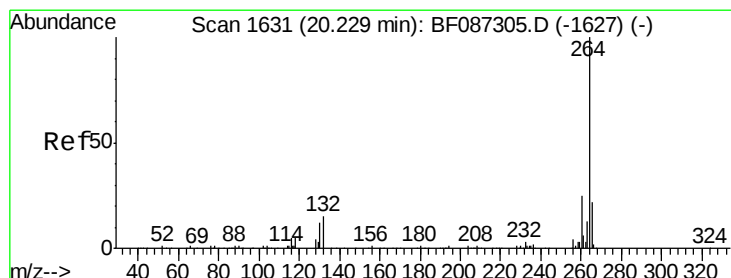
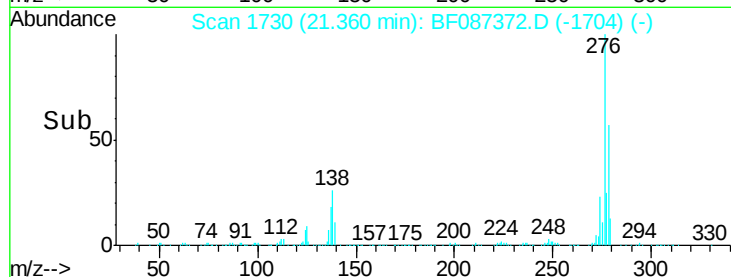
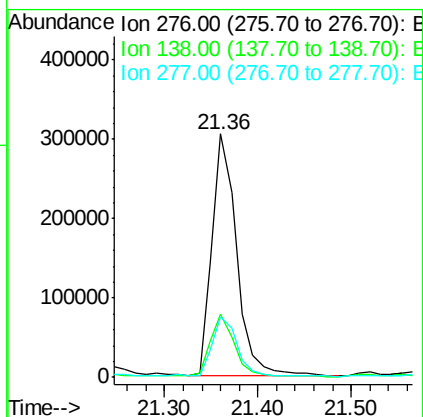
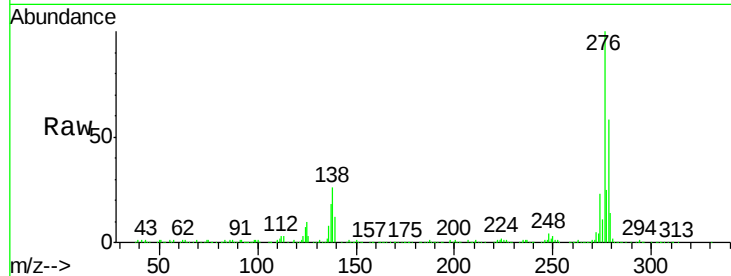




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.84 ng
 RT: 21.36 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

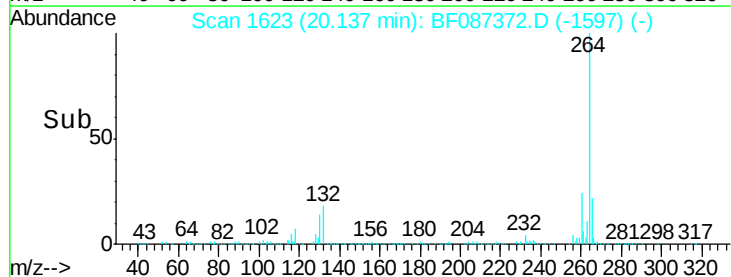
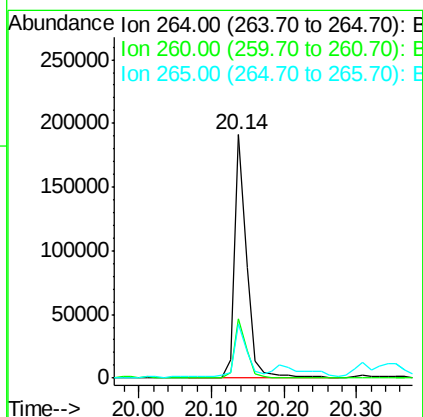
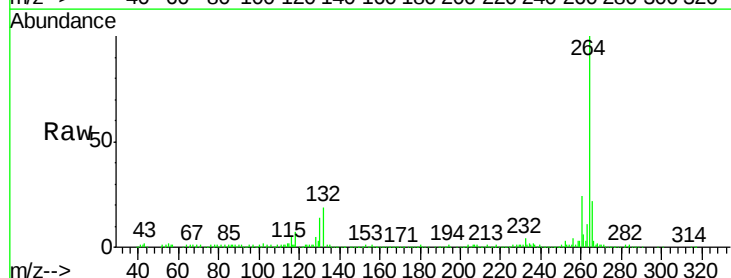
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

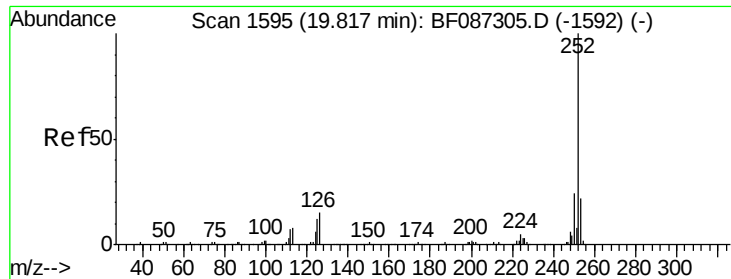
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.6	38.4
277	26.2	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.14 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 4.16 ng

RT: 19.85 min Scan# 1598

Delta R.T. 0.13 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

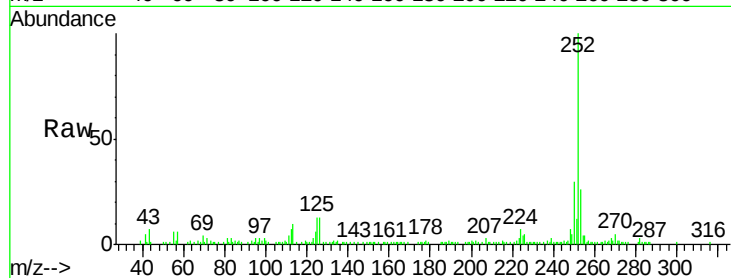
Tgt Ion:252 Resp: 59660

Ion Ratio Lower Upper

252 100

253 25.7 17.8 26.6

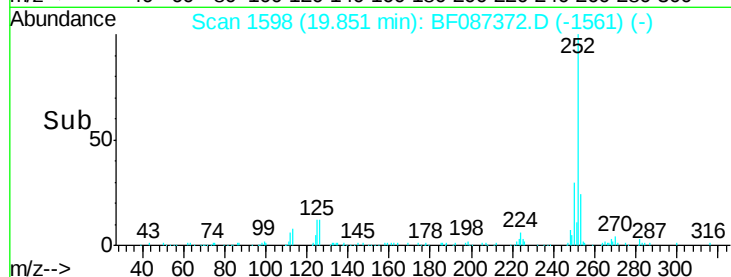
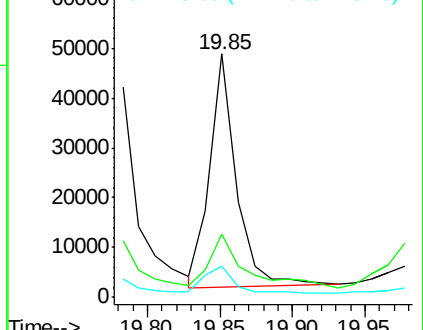
125 12.7 11.4 17.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 117.20 ng

RT: 19.74 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

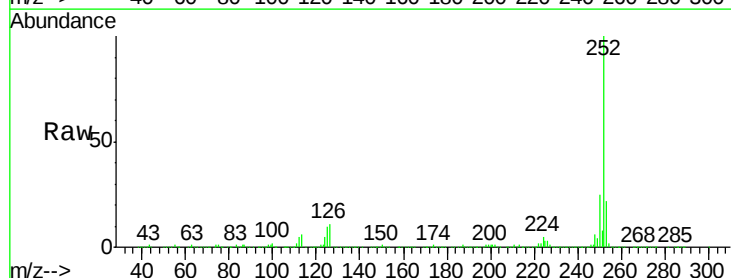
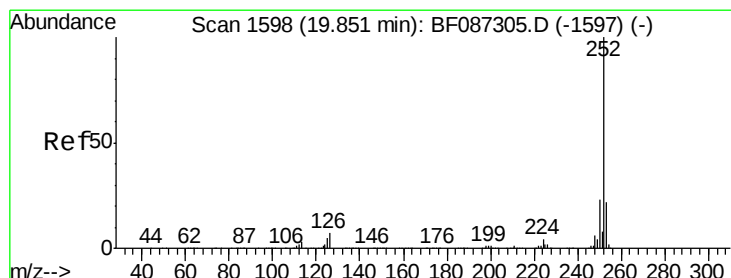
Tgt Ion:252 Resp: 1447899

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

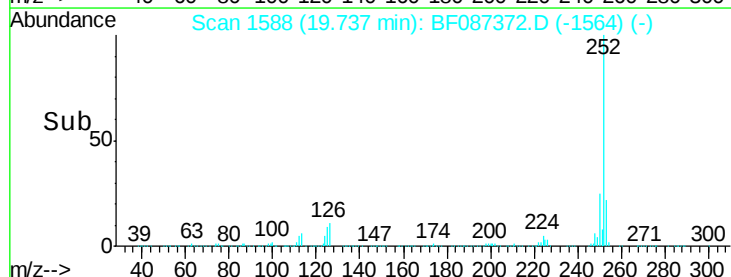
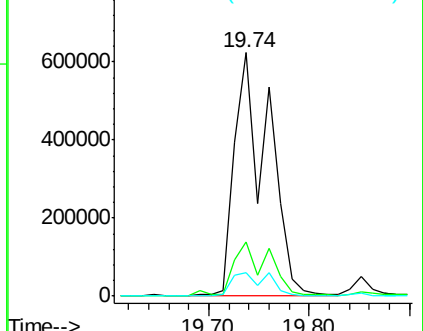
125 9.6 9.1 13.7

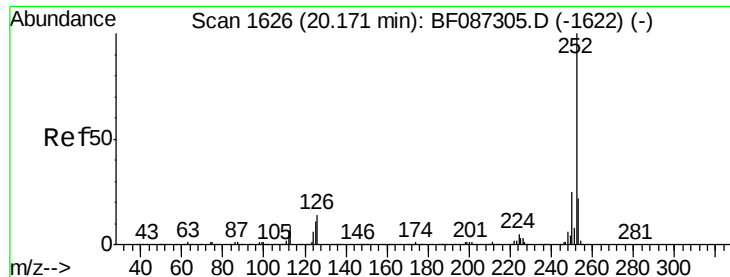


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 56.14 ng

RT: 20.08 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

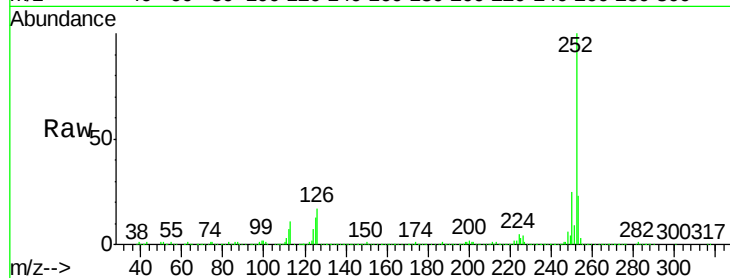
Tgt Ion:252 Resp: 696914

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

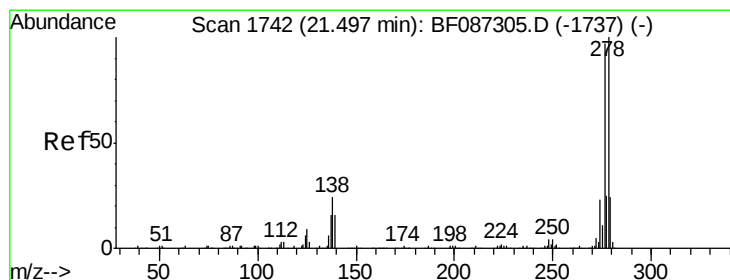
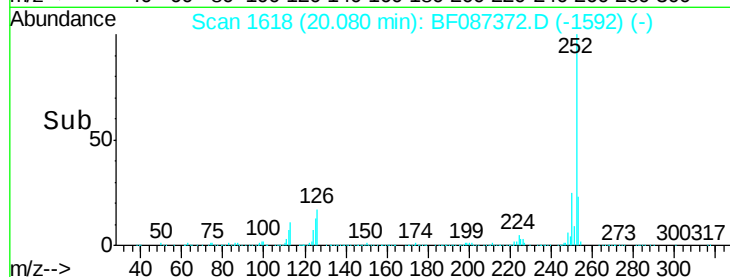
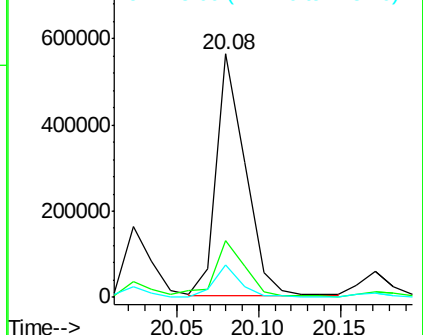
125 13.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.97 ng

RT: 21.37 min Scan# 1731

Delta R.T. 0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

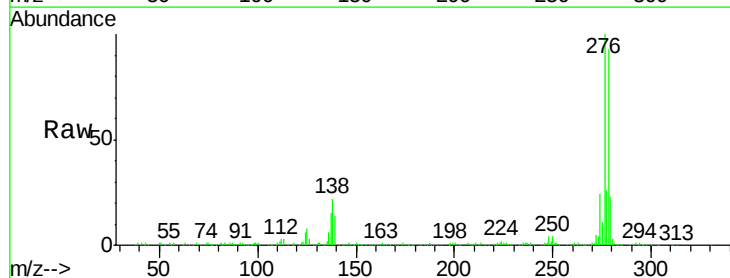
Tgt Ion:278 Resp: 423230

Ion Ratio Lower Upper

278 100

139 14.6 16.6 24.8#

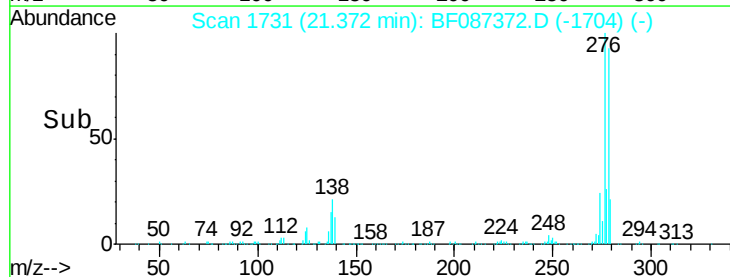
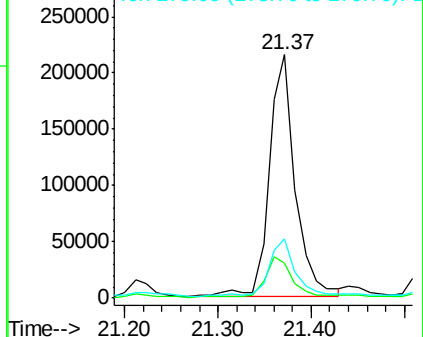
279 24.3 19.6 29.4

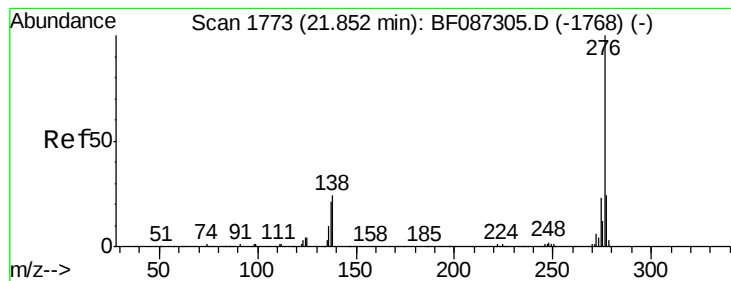


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.52 ng

RT: 21.71 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BF087372.D

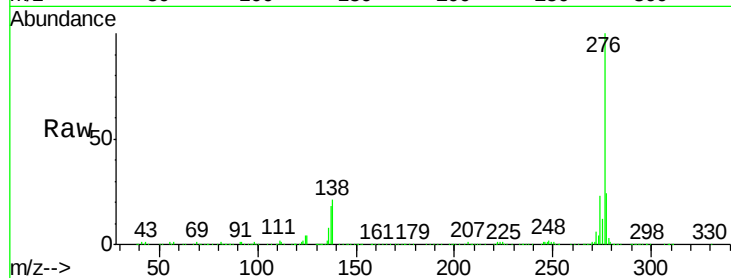
Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS



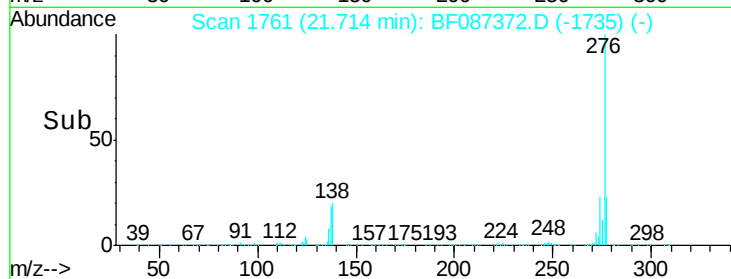
Tgt Ion: 276 Resp: 454697

Ion Ratio Lower Upper

276 100

277 23.6 19.6 29.4

138 20.7 23.6 35.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

